OFFICE OF THE DIRECTOR OF INDUSTRIES
AND COMMERCE, MADRAS

SEASON AND CROP REPORT OF THE MADRAS PROVINCE

FOR THE AGRICULTURAL YEAR

1938-39

(FASLI 1348)

MADRAS
PRINTED BY THE SUPERINTENDENT
GOVERNMENT PRESS
1940

Price, 1 rupee 4 annas

TABLE OF CONTENTS.

A.—REPORT.

B.—APPENDICES.

SEASON AND CROP REPORT

FOR

FASLI 1348 (1938-39).

1. **Season.**—The South-West monsoon advanced on the Malabar Coast early, i.e., about the 26th May and extended into the Konkan and the Deccan in the beginning of June. Soon after weather became unsettled over the north and central Bay of Bengal and between the 6th and the 8th a well-marked low pressure area lay off the Circars-Orissa coast helping the monsoon to strengthen over the West Coast and the Deccan and to extend to the North Madras coast. The rainfall in June was normal or above the normal in the Circars, Kurnool, Cuddapah, the Carnatic, North Arcot, Tanjore and the West Coast. The monsoon continued to be active on the West Coast in the first half of July but slackened in the latter half of that month. Thunder showers occurred during the last few days of the month in parts of the Province. Heavy rains in parts of Salem and Trichinopoly caused floods in rivers and streams and breaches in tanks resulting in some damage. The rainfall in July was bordering on or above the normal in East Godavari, West Godavari, Kistna, Bellary, Nellore, the Central districts (Chittoor excepted), the South and the West Coast. Good rains were received in August in almost all the districts and the rainfall in the month was above the normal outside Vizagapatam, East Godavari and the West Coast. On account of excessive rains in the Kistna district in the latter half of the month, there were heavy floods in the Kollair, the Budameru and Tamileru resulting in submersion of crops in the taluks of Bezwada, Gannavaram and Divi. The monsoon began to recede by the middle of September and thunderstorm activity was pronounced in the peninsula. During the last week, a deep depression formed over the central Bay of Bengal and moving in a westerly direction, intensified into a cyclonic storm with centre about 250 miles east of Masulipatam. Crossing the coast, the storm weakened into a depression. There was fairly widespread rainfall over the peninsula in association with the storm. The rainfall in September was normal or above the normal in all the districts except Salem, Coimbatore, Trichinopoly, Tanjore, Madura, Malabar, and the Nilgiris. The rainfall during the South-West monsoon was on the whole adequate being above the normal or bordering on it in all the districts outside Vizagapatam, Tanjore, the West Coast and the Nilgiris, where it was slightly below the normal.

Sowings of the early crops were above the average except in the Circars and the West Coast (wet crops only.)

The condition of the standing crops was generally fair except in parts of Vizagapatam, Kistna and Tinnevelly.

2. During the second half of October, local thunder showers occurred in the south of the peninsula and conditions characteristic of the North-East monsoon set in in the fourth week of the month. The rainfall in October was very deficient and far below the normal in all the districts except in Vizagapatam and Tanjore. A trough of low pressure appeared over the Bay of Bengal on the 4th November and developed into a cyclonic storm on the morning of the 8th, causing local showers in south-east Madras. Conditions became unsettled again on the 20th and intensified into a storm on the morning of the 23rd. Moving in a north-westerly direction, it passed inland near Masulipatam on the 26th. This disturbance was responsible for widespread and locally heavy rain on the North Madras coast, particularly in the districts of Kistna, West Godavari and East Godavari and caused considerable damage to houses, crops and gardens. A large number of cattle and sheep were lost and stores of grains and fodder stuffs were washed away or ruined. The rainfall in November was above the normal in Vizagapatam, East Godavari, West Godavari and Kistna and far below the normal in the other districts. The development of unsettled conditions in the neighbourhood of Ceylon in the fourth week of December temporarily strengthened the North-East monsoon and fairly widespread rain fell in the south of the peninsula. The rainfall in the month was below the normal, except in Coimbatore, Madura, Ramnad and the Nilgiris. In association with a storm in the South Bay of Bengal, the North-East monsoon temporarily revived over the peninsula and the rainfall was fairly widespread in and around south-east Madras, between the 10th and 13th of January. The month of January was practically rainless except for these falls. On the whole, the North-East monsoon was above the normal in Vizagapatam, East Godavari, West Godavari, and Kistna and below the normal in the other districts, in most of which it was very defective.

Sowings of the late crops were restricted or below the average throughout the Province, especially in the Central Districts where there was a marked decrease in the area under cultivation.

The general failure of the North-East monsoon in the Province has resulted in crops

withering or becoming shavi, the tracts most severely affected being parts of the Central districts and the Carnatic.

3. February was practically rainless, but there were local showers in the second half of March. On the 13th April, a depression developed in the south-west Bay of Bengal and intensifying into a storm on the same day, it crossed the coast near Cuddalore by the early morning of the 14th giving widespread and locally heavy rain in the south of the peninsula. In consequence of this, the rainfall in April was normal or above the normal in all the districts except in Vizagapatam, Kistna, and Bellary. Thunderstorms occurred in parts of the Province in May and the rainfall in the month was deficient in all the districts except Tanjore, Ramnad and Tinnevelly. The hot weather rains were on the whole below the normal in the Circars, Kurnool, Bellary, Tinnevelly and South Kanara and above the normal in the other districts.

4. The season for the Province as a whole cannot altogether be considered as satisfactory; it was definitely disappointing in parts of the Central districts.

The year opened with four relief works and one test work in the Kurnool district, sixteen relief works and one test work in the Bellary district and six relief works in the Anantapur district, the average number of persons relieved daily in all the three districts being 120,918 of whom 84,613 were workers and 36,305 received gratuitous relief. The setting in of the South-West monsoon and early rains in June and July gave a setback to the spread of the distress and no more works were opened. There were heavy rains in August and the numbers on relief began to decline. By the beginning of September the situation had eased and seasonal conditions were returning to normal. The relief works were closed one after another and the grant of relief was stopped completely by the 15th October except for the weaving centres which continued to the end of December.

Parts of the Coimbatore district suffered from famine. The South-West monsoon in this district was of a very short duration and the North-East monsoon was an absolute failure. As there was a general failure of food and fodder crops, relief operations under the Famine Code were found necessary. Distress was confined to parts of the taluks of Dharapuram, Palladam and Udamalpet, which constitute the driest part of the district. Four test works were opened early in February in all the three taluks. The two test works in Dharapuram and the one test work in Udamalpet were converted into relief works by the end of February while the test work in Palladam was converted into a relief work in March 1939. Distress was severe in all the three taluks and some more relief works had to be opened. Altogether nine relief works were in progress in the three taluks at the close of the year, the average number of persons relieved daily being 68,638 of whom 48,957 were workers and 19,411 received gratuitous relief.

The failure of the North-East monsoon also necessitated the starting of road works out of Government grants by the District Boards in Chingleput, Chittoor, Trichinopoly, Madura, and Ramnad.

5. Land Revenue had to be remitted on a comparatively large scale in parts of West Godavari (Rs. 2,63,160), Kistna (Rs. 7,23,646), Nellore (Rs. 2,72,819), Chingleput (Rs. 8,83,621), South Arcot (Rs. 7,64,918), North Arcot (Rs. 3,20,837), Coimbatore, (Rs. 5,55,929) and Madura (Rs. 2,00,776). On account of the unfavourable season, the assessment on dry lands due for fasli 1348 was remitted in varying degrees in parts of the districts of Anantapur, Chingleput, Coimbatore, Tanjore and Tinnevelly, comprising 80 villages of the Penukonda taluk, 47 villages of the Hindupur taluk, 6 villages of the Anantapur taluk, 182 villages in each of the taluks of Ponneri and Madurantakam, 180 villages in the Chingleput taluk, 156 villages in the Sriperumbudur taluk, 128 villages of the Tiruvallur taluk, 107 villages of the Saidapet taluk, 78 villages of the Conjeeveram taluk, 99 villages of the Palladam taluk, 81 villages of the Dharapuram taluk, 79 villages of the Udamalpet taluk, 8 villages of the Tiruturaipundi taluk, and 61 villages of the Sankaranayinarkoil taluk, or 1,474 villages in all the five districts. The collection of the unremitted dry assessment was also postponed to the next fasli in the villages of the districts of Anantapur and Tanjore affected by the unfavourable season.

The collection of the following items of land revenue was also postponed to fasli 1349:

(i) the suspended land revenue in the Madakasira, Dharmavaram and Kalyandrug taluks of the Anantapur district,

(ii) half the suspended dry assessment of fasli 1347 in the taluks of Rayadrug, Siruguppa, Adoni and Alur of the Bellary district,

(iii) the May kist in 29 villages of the Coimbatore taluk,

(iv) the balance of assessment which remained uncollected at the end of May 1939 in the famine-affected villages of the taluks of Dharapuram, Palladam and Udamalpet,

(v) assessment and cesses on dry lands in 81 villages of Karur taluk and 19 villages of Trichinopoly taluk, and

(vi) the last two kists in 33 villages of Dindigul taluk.

The collection of the unremitted dry assessment of fasli 1347 in the taluks of Penukonda and Hindupur of Anantapur district was also remitted.

6. In addition to the seasonal remissions and suspensions referred to above, the Government

ordered that the land revenue concessions granted for the fasli 1347 on account of fall in prices of agricultural produce should be repeated for fasli 1348 also.

Stocks of fodder were generally sufficient except in parts of the Coimbatore district, where facilities for grazing were afforded by the throwing open of some of the closed reserve forests and by a reduction of the grazing fees. Concessions in railway freight charges for the import of fodder from Salem and Tanjore districts were also granted. Scarcity of fodder was also reported in parts of the Ramnad district. Concessional rates of railway freights were sanctioned for this district also.

7. **Classification of area.**—The total area of the Province was calculated to be 79,795,395 acres or 7,148 acres less than in the previous year. The decrease is the resultant of the differences noticeable in Vizagapatam (−48,931 acres), Kurnool (−952 acres), Bellary(+626 acres), Cuddapah (+66,057 acres), Coimbatore (+700 acres), Tanjore (+378 acres), Ramnad (−25,009 acres), Malabar (−8 acres) and South Kanara (−9 acres). The decrease in area in Vizagapatam is due to the adoption of revised figures reported by the Collector. The variations in Kurnool, Bellary, Cuddapah, Coimbatore and Tanjore are due to the adoption of revised figures by the Collectors in consultation with the Assistant Director in charge of the Central Survey Office. The decrease noticeable in Ramnad is the result of the adoption of revised estimates in respect of certain portions of the Ramnad zamindari, the greater part of which is unsurveyed. The decrease in Malabar and South Kanara is due to the correction of survey errors.

Forests constituted 16·5 per cent of the total area as in the previous year. The area not available for cultivation formed 18·2 per cent of the total area. The area available for cultivation was 52,106,698 acres of which 18·9 per cent was fallow, 20·9 per cent was other uncultivated land and the rest (60·2 per cent) was cultivated, viz., 31,383,337 acres. The area cultivated was 39·3 per cent of the total area of the Province as against 40·1 per cent in 1937–38 and 39·6 per cent in 1936–37. The percentage of net area sown was the highest in Bellary, viz., 67 per cent of the total area of the district, and ranged from 47 to 56 per cent in West Godavari, Kistna, Guntur (56), Anantapur (47), South Arcot, Trichinopoly (47), and Tanjore (55). The percentage of net area sown was the lowest in the Nilgiris (15), followed by Chittoor and South Kanara (22 each), Nellore (25), East Godavari (27), Cuddapah (28) and Vizagapatam 32.

8. **Area irrigated.**—Of the area under cultivation referred to above, 26·9 per cent comprising an extent of 8,445,762 acres was irrigated. The percentage of irrigated area to the net area sown was above 50 in the deltas of East Godavari (51), West Godavari (72), Kistna (53) and Tanjore (80) and in the non-deltaic districts of Vizagapatam (53) and Chingleput (62 as against 73 in the previous year). The percentage was low in Bellary (2), Kurnool (6), Anantapur and Cuddapah (11 each), Salem (14), Guntur (19), Trichinopoly and Tinnevelly (21 each) and Coimbatore (24).

Of the total area irrigated, Government canals served 44·4 per cent, tanks (Government and private) 34·4 per cent, wells 15·4 per cent private channels, 1·8 per cent and other sources such as spring channels, the remaining 4·0 per cent. Wells supplemented other irrigation sources to the extent of 3·4 per cent. Government canals were the predominant sources of irrigation in all the deltaic districts, tanks in Chingleput (93 per cent), Ramnad (75 per cent), North Arcot (67 per cent), South Arcot (59 per cent), Tinnevelly (58 per cent), Vizagapatam (57 per cent), Chittoor (54 per cent) and Anantapur (53 per cent), and wells in Coimbatore (74 per cent) and Salem (55 per cent). Canals, tanks and wells were almost of equal importance in Madura. The area served by private channels was largest in Vizagapatam with 90,408 acres and next came East Godavari with 50,473 acres. Other sources of irrigation such as spring channels were most pronounced in Vizagapatam (59,136 acres), followed by Chittoor (54,095 acres), Cuddapah (29,352 acres), Ramnad (27,381 acres) and East Godavari (25,029 acres). The area served by wells supplementing other irrigation sources was largest in North Arcot with 51,483 acres, followed by South Arcot (51,091 acres) and Salem (51,066 acres). Though there are no recognized sources of irrigation in the West Coast, there is some irrigation from channels and streams, but there are no data as to the extent of such irrigation.

9. **Crops irrigated.**—The area of crops cultivated was 35,961,076 acres. It exceeded the area of land under cultivation by 4,577,739 acres. The difference is due to the fact that on some lands more than one crop was raised. 29·1 per cent (viz., 10,476,310 acres) of the area of crops cultivated was irrigated. The percentage of the area of irrigated crops was 79 in Tanjore, 71 in West Godavari and 58 in Chingleput. The percentage of irrigated area was low in Salem (18), Guntur (17), Anantapur (14), Kurnool (6) and Bellary (3).

89·1 per cent of the total area under crops irrigated was under cereals and pulses; Oil-seeds (groundnut, gingelly and castor) accounted for 2·9 per cent, cotton for 1·6 per cent, sugarcane for 0·9 per cent and other crops for 5·5 per cent. The percentage of area under irrigated paddy to the total area under paddy was 76·2. The corresponding percentages for other crops irrigated were 52·5 for ragi, 26·8 for indigo, 16·4 for gingelly, 11·1 for cumbu, 10·6 for cholam, 8·5 for cotton (mainly, Cambodia) and 4·0 for groundnut (mainly summer groundnut). Sugarcane was mostly

irrigated except on the West Coast, where it was mainly rainfed.

10. **Area sown with crops.**—The area under all crops in the Province was 35,961,076 acres.

Food crops occupied 75·2 per cent of the total area sown in the Province as against 72·1 per cent in 1937–38 and 75·1 per cent in 1936–37.

Irrigated paddy occupied 20·9 per cent of the total area sown in the Province, unirrigated paddy 6·5 per cent, cholam 13·7 per cent, cumbu 7·6 per cent, ragi 4·6 per cent, korra 5·0 per cent, varagu 2·8 per cent, samai 1·5 per cent other cereals 1·5 per cent, horsegram 3·4 per cent, other pulses 3·3 per cent, chillies 0·9 per cent, other condiments and spices 0·9 per cent, sugar 0·5 per cent, fruits and vegetables including root crops 2·0 per cent, other food crops 0·1 per cent, irrigated groundnut 0·4 per cent, rainfed groundnut 10·1 per cent, gingelly 2·4 per cent, castor 0·7 per cent, coconut and other oil-seeds 1·6 per cent and 0·2 per cent respectively as in last year, irrigated cotton 0·5 per cent, rainfed cotton 4·9 per cent, other fibres 0·6 per cent, dyes (mainly indigo) 0·1 per cent, tobacco 0·9 per cent, other drugs and narcotics 0·8 per cent, fodder crops 1·2 per cent and other non-food crops 0·4 per cent.

The area under food crops ranged from 64 to 70 per cent of the total area sown in the district in Guntur, Kurnool, Bellary, South Arcot, North Arcot and Tinnevelly, from 71 to 80 per cent in Vizagapatam, Kistna, Anantapur, Cuddapah, Chittoor, Coimbatore, Madura, Ramnad and Malabar, and from 81 to 88 per cent in East Godavari, West Godavari, Nellore, Chingleput, Salem and Trichinopoly, 90 per cent in South Kanara and 91 per cent in Tanjore as in the previous year. The percentage was low in the Nilgiris being only 37.

The most important food crop was paddy and the area under that alone was 50 per cent and more of the total area sown in the district in Chingleput (68) and South Kanara (77) and the deltas of East Godavari (50), West Godavari (69) and Tanjore (79). The area under paddy was 10 per cent of the total area sown in the district in Cuddapah, 9 per cent in Salem, 8 per cent in Anantapur, 6 per cent in the Nilgiris, 5 per cent in Coimbatore, 4 per cent in Kurnool and 1 per cent in Bellary.

As the second crop season was not altogether favourable in many districts owing to the inadequacy of the North-East monsoon rains, the area brought under second crop cultivation, viz., 4,577,739 acres was below the normal by 109,471 acres. The decrease in the area sown more than once was marked in Nellore (— 50,066 acres), Chingleput (— 66,693 acres), North Arcot (—78,010 acres) and Coimbatore (— 41,890 acres).

The area of crops cultivated was above the average in East Godavari, West Godavari, Kistna, Bellary (+119,977 acres), Anantapur, Cuddapah, South Arcot, Chittoor, Salem, Trichinopoly, Tanjore, Madura, the West Coast and the Nilgiris and below the average in the rest of the Province. The decrease was large in the Carnatic (—167,394 acres).

The area cultivated with crops was above the average only in East Godavari, Kistna, Kurnool, Bellary, Cuddapah, South Arcot, Chittoor, North Arcot, Trichinopoly, Tanjore, Madura, the West Coast and the Nilgiris and below the average in the rest of the Province.

11. Marked variations in the area under each of the main crops as compared with the normal or average of the areas in the preceding three non-famine years are noted below for the several districts or groups of districts in which each crop is important. These districts or groups are entered in brackets against the crop.

Paddy.—(Average 10,200,160 acres; current year 9,844,388 acres; previous year 10,140,831 acres; important in all districts outside the Deccan, Coimbatore and the Nilgiris.) The decrease in area was general outside the Circars (Vizagapatam excepted), the Deccan (Bellary excepted), Chittoor, Salem, Trichinopoly, Tanjore and South Kanara and was due mainly to the failure of the North-East monsoon rains. The decrease was marked in the Carnatic (— 222,122 acres), North Arcot (—59,705 acres), Ramnad (— 97,254 acres) and Tinnevelly (—40,670 acres).

Cholam.—(Average 4,632,090 acres; current 4,913,710 acres; previous 4,599,444 acres; Kistna, Guntur, the Deccan with 1,905,826 acres, Nellore, Salem, Coimbatore, Trichinopoly and Madura.) There was a large increase in area in Bellary (+ 59,772 acres), and Madura (+82,832 acres). Bellary was responsible for 14·2 per cent of the total area under cholam in the Province.

Cumbu.—(Average 2,712,090 acres; current 2,717,545 acres; previous 2,571,988 acres; Vizagapatam, Guntur, the Deccan, Nellore, South Arcot, the Central districts, Ramnad and Tinnevelly.) 42·8 per cent of the total area under cumbu in the Province was raised in the Central districts.

Ragi.—(Average 1,762,159 acres; current 1,639,258 acres; previous 1,618,118 acres; Vizagapatam with 237,605 acres, Anantapur, the Carnatic, the Central districts with 717,910 acres and Ramnad.) There was a large decrease in area in Vizagapatam (—34,395 acres), Coimbatore (— 41,279 acres) and Trichinopoly (—19,864 acres).

Korra.—(Average 1,657,850 acres; current 1,786,606 acres; previous 1,298,531 acres; Guntur and the Deccan.) The increase in area was marked in Bellary (+ 106,147 acres).

Varagu.—(Average 1,075,830 acres; current 1,002,284 acres; previous 934,055 acres; Kurnool, Nellore, South Arcot, North Arcot,

Salem, Trichinopoly, Madura and Ramnad) The decrease in area was general outside Vizagapatam, Cuddapah, Nellore, Salem and Madura and was marked in South Arcot (−23,614 acres) and North Arcot (− 37,299 acres).

Samai.—(Average 589,940 acres; current 548,594 acres; previous 518,948 acres; Anantapur, Salem, Coimbatore and Madura.) The decrease in area in Anantapur, Coimbatore and Madura was partly set off by an increase in area in Salem.

Maize.—(Average 65,670 acres; current 64,218 acres; previous 72,026 acres; Vizagapatam, Kistna and Guntur.) There was a large decrease in area in Guntur (− 6,353 acres) and a large increase in area in Vizagapatam (+8,596 acres).

Other cereals.—(Average 579,760 acres; current 493,157 acres; previous 549,999 acres; Vizagapatam, Guntur, Nellore, Madura, Ramnad and Tinnevelly). 49·4 per cent of the area was in Guntur, mainly under variga. The decrease in area in this district was marked (−73,240 acres).

Cereals.—(Average 23,275,540 acres; current 23,009,760 acres; previous 22,303,940 acres.) The area under cereals occupied 84 per cent of the total area sown in Tanjore and Chingleput, 19 per cent in the Nilgiris, and ranged from 48 to 78 in the other districts. There was a large decrease in area in Vizagapatam (−158,417 acres), Guntur (− 87,133 acres), Nellore (− 116,512 acres), Chingleput (− 92,062 acres) and North Arcot (− 130,470 acres), and a large increase in area in Bellary (+ 187,101 acres), and Anantapur (+115,185 acres).

Pulses.—(Average 2,899,210 acres; current 2,425,685 acres; previous 2,795,814 acres; all districts outside Chingleput, South Arcot and the Nilgiris.) There was an increase in area under greengram (+50,800 acres) and redgram (+ 51,164 acres) and a decrease in area under blackgram (− 3,762 acres), bengalgram (− 41,284 acres), horsegram (− 521,540 acres) and other pulses (− 8,903 acres). The area under bengalgram was only 55·2 per cent of the normal and the decrease in area was marked in Guntur (−11,780 acres), Kurnool (−9,256 acres) and Bellary (−6,387 acres). There was a large decrease in area under horsegram in Anantapur (− 80,478 acres), Salem (−103,152 acres), and Coimbatore (− 99,705 acres). The decrease in the total area under pulses is general outside Vizagapatam, East Godavari, the West Coast and the Nilgiris. Horsegram occupied 50·2 per cent of the total area under pulses, greengram 17·3 per cent, redgram 12·6 per cent, blackgram 7·9 per cent, bengalgram 2·1 per cent and unspecified pulses, the remaining 9·9 per cent.

Chillies.—(Average 337,400 acres; current 334,780 acres; previous 279,909 acres; the Circars, the Deccan, Salem, Coimbatore, Trichinopoly, Madura, Ramnad and Tinnevelly.) There was a decrease in area in Vizagapatam (−14,153 acres), Kistna, Guntur (−15,082 acres) and Kurnool, partly counterbalanced by an increase in area in Ramnad (+8,604 acres) and Tinnevelly (+9,445 acres).

Chillies occupied 51·8 per cent of the area under condiments and spices, pepper 15·9 per cent, coriander 13·2 per cent, tamarind 8·3 per cent, turmeric 5·1 per cent, ginger 1·9 per cent, garlic 1·1 per cent and unspecified condiments and spices the remaining 2·7 per cent.

Sugarcane.—(Average 115,600 acres; current 98,262 acres; previous 97,965 acres; Vizagapatam, East Godavari, Bellary, South Arcot, the Central districts and South Kanara.) The decrease in area in all the important districts outside Trichinopoly and South Kanara is due to the low price of jaggery which prevailed at the time of planting of cane.

Sugarcane occupied 50·6 per cent of the area under sugar, palmyras 41·7 per cent and unspecified sugar 7·7 per cent. 48·1 per cent of the area under palmyras was in Tinnevelly and 14·8 per cent in Malabar.

Fruits and vegetables including root crops.—(Average 679,470 acres; current 714,351 acres; previous 691,506 acres.) Malabar is the most important district (195,740 acres), followed by East Godavari (54,001 acres), Vizagapatam (46,980 acres), Chittoor (36,722 acres) and Madura (36,633 acres). Mangoes occupied 35·0 per cent of the area under fruits and vegetables including root crops, plantains 19·3 per cent, onions 8·9 per cent, fruits of citrus variety 3·1 per cent and unspecified fruits and vegetables including root crops 33·7 per cent. Of the total area of 22,322 acres under fruits of citrus variety, 3,831 acres were in Cuddapah, 2,878 acres in Kistna, 2,150 acres in Guntur and 2,030 acres in East Godavari.

Miscellaneous food crops.—(Average 43,890 acres, current 49,276 acres, previous 39,801 acres.) Malabar is the most important district with 26,118 acres.

Food crops.—(Average 27,792,580 acres; current 27,039,128 acres; previous 26,623,219 acres.) The reduction in area was marked in Vizagapatam (−124,276 acres), Guntur (−148,365 acres), Nellore (−152,142 acres), North Arcot (−145,616 acres), and Coimbatore (−172,331 acres).

Groundnut.—(Average 3,075,230 acres; current 3,771,588 acres; previous 4,657,596 acres; all districts outside East Godavari, West Godavari, Nellore, Tinnevelly, the West Coast and the Nilgiris.) The increase in area is general outside Bellary and Anantapur. South Arcot showed the highest area with 425,725 acres followed by Kurnool (410,864 acres),

North Arcot (402,333 acres), Anantapur and Guntur.

Gingelly.—(Average 764,060 acres; current 876,397 acres; previous 794,875 acres; Vizagapatam with 149,385 acres; Tinnevelly (91,658 acres), East Godavari, Trichinopoly West Godavari, Salem, South Arcot, Coimbatore, and Madura.) There was a large increase in area in Tinnevelly (+34,858 acres), Madura (+22,753 acres), Trichinopoly (+17,593 acres), Salem (+16,223 acres) and Coimbatore (+13,835 acres).

Castor.—(Average 293,550 acres; current 270,278 acres; previous 246,718 acres; Guntur, Kurnool, Anantapur with 68,507 acres; Nellore and Salem.) There was a decrease in area in Guntur, Kurnool, Bellary and Anantapur.

Coconut.—(Average 572,900 acres; current 585,424 acres; previous 586,130 acres; East Godavari, Tanjore, Malabar with 350,457 acres and South Kanara.)

Other oilseeds.—(Average 69,220 acres; current 64,462 acres; previous 68,064 acres; Bellary and Anantapur.)

Oilseeds.—(Average 4,774,960 acres; current 5,568,149 acres; previous 6,353,383 acres). Groundnut occupied 67·7 per cent of the area under oilseeds, gingelly 15·7 per cent, coconut 10·5 per cent, castor 4·9 per cent and unspecified oilseeds 1·2 per cent.

Cotton.—(Average 2,284,670 acres; current 1,928,714 acres; previous 2,543,306 acres; Guntur, the Deccan with 886,966 acres; Nellore, Salem, Coimbatore with 222,475 acres, Trichinopoly, Madura, Ramnad and Tinnevelly.) The decrease in area was general outside East Godavari, Nellore and South Arcot and was marked in Coimbatore (−110,525 acres). Westerns cotton occupied 37·7 per cent of the total area under cotton, Tinnevellies, including Karunganni, 28·3 per cent, Cambodia 16·4 per cent, white and red Northerns 8·9 per cent, Cocanadas 5·9 per cent, Nadam 1·9 per cent, Uppam 0·6 per cent and Chinnapathi or short staple cotton the remaining 0·3 per cent.

Other fibres.—(Average 150,850 acres; current 229,628 acres; previous 237,461 acres; Vizagapatam, East Godavari, Kistna and Guntur with 120,244 acres.) The increase in area was marked in Kistna (+10,504 acres) and Guntur (+66,944 acres).

Sunnhemp.—Occupied 61·5 percent of the area under other fibres, Bombay hemp 25·9 per cent, jute 7·7 per cent and unspecified fibres 4·9 per cent.

Indigo.—(Average 35,440 acres; current 28,576 acres; previous 23,167 acres; Kurnool, Cuddapah, Nellore, South Arcot, Chittoor and North Arcot.) The decrease in area is general outside Cuddapah and Nellore.

Tobacco.—(Average 255,120 acers; current 320,134 acres; previous 294,232 acres, Guntur with 164,223 acres was followed by Vizagapatam and Coimbatore.) The increase in area was marked in Guntur (+48,223 acres) owing to the spread of Virginia tobacco. The area under Virginia tobacco in the Province was 106,586 acres of which 95,355 acres were in Guntur. The remaining area of 213,548 acres was under country tobacco.

Tobacco occupied 53·1 per cent of the area under drugs and narcotics, arecanuts 18·0 per cent, tea 12·9 per cent, coffee 9·0 per cent, betelvines 5·1 per cent, senna 0·8 per cent, cinchona 0·3 per cent, Indian hemp 0·1 per cent and unspecified drugs and narcotics the remaining 0·7 per cent.

Fodder crops.—(Average 461,300 acres; current 431,865 acres; previous 413,157 acres); Guntur with 139,506 acres was followed by Tinnevelly (105,806 acres), Kistna (59,571 acres) and Ramnad (49,008 acres). The decrease in area was marked in Kistna (— 21·429 acres) and Guntur (— 43,494 acres).

Miscellaneous non-food crops.—(Average 148,740 acres; current 130,433 acres; previous 145,934 acres; Malabar with 31,412 acres was followed by South Arcot, North Arcot, Guntur and Tinnevelly.

Non-food crops.—(Average 8,398,520 acres; current 8,921,948 acres; previous 10,294,714 acres.) Groundnut (+ 696,358 acres) is mainly responsible for the increase in area.

12. **Yield.**—For the Province as a whole, the yield per acre of all crops except korra was below the normal. The percentage of the yield per acre attained in the year to the normal yield per acre was 108 for korra, 97 for sugarcane, 95 for bengalgram, 92 for rainfed cotton, 88 for cholam and maize, 86 for groundnut, 85 for ragi and irrigated cotton, 83 for paddy, 82 for cumbu and castor, 79 for gingelly, 77 for horsegram, 76 for samai, 69 for tobacco, 66 for varagu and 54 for indigo. The yield per acre was also lower than that attained in the previous year in the case of all crops except cholam, korra, bengalgram and rainfed cotton.

The yield per acre of all crops was above the normal in Bellary. The yield per acre of the main crops was below the normal in West Godavari, the Carnatic, the Central districts (except Salem), the South and the West Coast. In the other districts also, the yield was below the normal except in the following cases:—Groundnut, tobacco and rainfed cotton in Vizagapatam; cumbu, samai, sugarcane, groundnut and Virginia tobacco in East Godavari; sugarcane and groundnut in Kistna; paddy, cholam, korra and groundnut in Guntur; paddy, cholam, cumbu, korra, groundnut, gingelly, tobacco and rainfed cotton in Kurnool; cumbu, korra, maize, bengalgram, gingelly and rainfed cotton in Anantapur; cumbu in Cuddapah; and paddy, sugarcane and cotton in Salem.

Heavy rains and cyclonic conditions at the time of harvest damaged the yield of paddy in

East Godavari, West Godavari and Kistna. Cotton and chillies were also affected to some extent by the cyclone.

In parts of Coimbatore and the West Coast the paddy crop suffered to some extent from attacks by insect pests. The crops of groundnut in South Arcot, Salem and Coimbatore, Cumbu in Salem and tobacco in Coimbatore were also subject to attack by insect pests. The second crop of potato suffered from a severe attack of cut-worms.

13. The stocks of foodgrains were generally sufficient.

14. **Prices.**—During the fasli under review; the prices of rice, cumbu and ragi fluctuated within narrow limits in the first five months (July to November), improved in December and January and showed a tendency to fall slightly thereafter. They were generally lower during the first five months of the fasli as compared with the corresponding prices in the previous fasli and a little higher during the rest of the period. The price of cholam on the other hand was slightly higher than in the previous fasli throughout except in October and November 1938. Prices at the end of the fasli were generally higher than in the beginning of the fasli in the case of all the four foodgrains.

As regards commercial crops, the wholesale prices were generally lower than in the previous fasli in most cases except in the case of jaggery which was generally higher. Taking the prices at important market centres in the Province the prices were higher than in the previous fasli in the case only of groundnut at Vizagapatam, Nandyal and Vellore, of Cocanadas cotton at Guntur and of Karunganni cotton at Tirupur during the last two months, Westerns (Jowari) at Bellary, Nadam cotton at Tirupur and Tinnevellies cotton at Tuticorin during the last three months and of coconut at Calicut during the last seven months.

The prices of all varieties of cotton during the fasli under review showed no pronounced tendency on the whole and prices at the end of the fasli, i.e., in June were higher than in the beginning of the fasli except in the case of Northerns cotton. Values of groundnut shelled fluctuated within narrow limits during the period July 1938 to April 1939 and rose thereafter in May and June. The prices of jaggery improved in the first six months of the fasli, declined thereafter to some extent for a month and again rose during the rest of the period. Save for minor fluctuations, the prices of castor generally fell during the first nine months of the fasli, and improved slightly during the last three months. Prices of pepper were characterised by a gradual fall in the first half of the fasli and fluctuated during the second half. Prices of coconut husked and unhusked at Calicut were not marked by any pronounced variation except for a gradual rise in the first six months of the fasli.

15. **Trade.**—The total trade of the Province amounted to Rs. 79·04 crores showing a decrease of 10·68 per cent as compared with the previous year. The import trade diminished by 14·55 per cent and the export trade by 7·26 per cent. It is noteworthy that contrary to the experience of practically every primary producing country the exports from Madras declined to a smaller extent than the imports. The fall in the export trade was chiefly noticed in leather (— Rs. 176·07 lakhs), raw cotton (— Rs. 99·79 lakhs) and cotton manufactures (— Rs. 79·08 lakhs). Japan with her preoccupations in her war with China, was mainly responsible for the fall in raw cotton and the exports to that country amounted to only Rs. 40·45 lakhs as against Rs. 110·79 lakhs in 1937–38, representing a fall of 63·49 per cent.

The value of the trade with the British Empire amounted to Rs. 3,987·93 lakhs as against Rs. 4,339·06 lakhs in the previous year, representing a fall of 8·09 per cent while the value of the trade with foreign countries amounted to Rs. 2,041·60 lakhs as against Rs. 2,378·02 lakhs in the previous year, recording a fall of 14·15 per cent. The trade with the British Empire formed 66·14 per cent of the total trade while the trade with the foreign countries represented the remaining 33·86 per cent. The trade with the United Kingdom formed 34·77 per cent of the total trade. The corresponding percentages for the other countries in 1938–39 were Burma 19·53, Ceylon 6·61, Straits Settlements 2·09, other British Possessions 3·14, Germany 6·09, France 3·95, Netherlands 3·72, Belgium 3·57, Italy 1·11, other countries in Europe 3·65, Japan 3·24, Persia 1·03, other countries in Asia 1·43, America 4·54 and Africa 1·53.

The decline in the imports under grain, pulse and flour noticed in the previous year was not maintained and the total imports advanced from Rs. 2·84 lakhs to Rs. 14·96 lakhs in the year under review. Imports of paddy from Indo-China increased from 2,824 tons valued at Rs. 1·77 lakhs to 16,134 tons worth Rs. 8·97 lakhs. Siam which was practically out of the market in 1937–38 contributed 7,142 tons valued at Rs. 3·97 lakhs. There is an indication that the duty on broken rice is being circumvented by the imports chiefly of paddy from Indo-China and Siam.

Imports of sugar which were the lowest on record in 1937–38, increased from Rs. 0·25 lakh to Rs. 5·70 lakhs mainly due to the poor Indian sugarcane crop and the resultant rise in the prices of Indian sugar.

Imports of cotton twist and yarn declined from Rs. 72·31 lakhs to Rs. 56·00 lakhs. Imports of cotton piecegoods also dropped from Rs. 83·92 lakhs to Rs. 64·07 lakhs. The large fall in the imports of twist and yarn is attributed to the increased production of yarn by Indian cotton mills.

The exports of rice to Ceylon and Straits Settlements showed an increase of 7·91 per cent. Shipment of rice to Ceylon amounted to 86,469 tons valued at 98·40 lakhs as against 79,132 tons valued at Rs. 93·78 lakhs in the previous year. Exports of rice to Straits Settlements improved from 6,926 tons worth Rs. 8·71 lakhs to 10,125 tons valued at Rs. 12·20 lakhs.

Exports of groundnuts which formed 97·38 per cent of the trade under seeds and 26·58 per cent of the total foreign export trade of the Province improved from 793·54 lakhs in 1937–38 to 879·72 lakhs in the year under review in spite of the fall in the price of the commodity.

Exports of tobacco, raw and coffee increased by 97·71 per cent and 38·77 per cent respectively as compared with the previous year.

The number of ships engaged in the foreign trade fell from 1,298 to 1,273 of which 986 were British as against 970 in the previous year.

The Madras Port accounted for 38 per cent of the total trade of the Province, Cochin for 17 per cent, Tuticorin for 9 per cent, Calicut for 8 per cent, Cocanada for 6 per cent, Mangalore for 4 per cent, Masulipatam, Vizagapatam and Dhanushkodi for 3 per cent each, Cuddalore and Nagapatam for 2 per cent each, and the other ports for the remaining 5 per cent.

The total value of the trade of the Madras Port fell from Rs. 3,403 lakhs in 1937–38 to Rs. 2,963 lakhs in the year under review.

The details of the trade are given in Appendix XII to the report.

Coastwise imports.—(Rs. 8·69 crores). Bombay accounted for 56·1 per cent of the value of the trade, Sind for 21·7 per cent, Bengal for 20·6 per cent, Orissa for 0·5 per cent and non-British ports for the remaining 1·1 per cent. The details of the trade are given in Appendix XII to the report.

Coastwise exports.—(Rs. 7·07 crores). 48·5 per cent of the value of trade was contributed by Bombay, 36·3 per cent by Bengal, 8·7 per cent by Sind, 0·1 per cent by Orissa, and the remainder, i.e , 6·4 per cent by non-British ports. The details of the trade are given in Appendix XII to the report.

Imports by rail.—10,193 tons of cotton raw were imported of which 5,353 tons came from H.E.H. The Nizam's Dominions, 4,291 tons from Bombay and 545 tons from Mysore. The imports of paddy amounted to 39,371 tons of which 28,322 tons were from Orissa, 10,279 tons from the Central Provinces and Berar and 739 tons from Mysore. 105,194 tons of rice were also imported, of which 57,747 tons came from the Central Provinces and Berar, 39,389 tons from Orissa, 4,841 tons from Bengal, 1,648 tons from the Punjab and 1,039 tons from Bihar. The imports of groundnut amounted to 59,511 tons and they were mainly from H.E.H. the Nizam's Dominions (53,094 tons) and Mysore (5,189 tons).

Exports by rail.—8,815 tons of cotton raw were exported mainly to Bombay (4,973 tons) and Mysore (3,690 tons). The exports of paddy amounted to 3,838 tons, mainly to Mysore (2,745 tons), Bombay (911 tons) and H.E.H. the Nizam's Dominions (177 tons). There was also an export of 129,766 tons of rice mostly to H.E.H. the Nizam's Dominions (59,270 tons), Mysore (36,020 tons), and Bombay (34,410 tons). The exports of groundnut amounted to 61,320 tons, of which 52,639 tons went to Bombay, 7,177 tons to Bengal and 1,190 tons to Mysore.

16. **Cattle.**—The mortality amongst cattle from contagious diseases during 1938-39 was 27,907 as against 41,430 in 1937–38 and 33,199 in 1936–37.

Rinderpest was responsible for 31·0 per cent of the deaths as against 19·3 per cent in the previous year. 375,753 cattle and buffaloes were protected against the disease by various methods of inoculation. The disease was mostly prevalent in those districts of the north, bordering the States where migration of cattle is great. The districts that suffered severely were Vizagapatam, East Godavari, West Godavari, Kistna and Nellore and these accounted for 93·1 per cent of the total mortality in the Province from this disease.

Anthrax accounted for 7·6 per cent of the deaths as against 7·9 per cent in the previous year. The outbreaks occurred throughout the year in all the districts except the Nilgiris. It was severe in Nellore. 7,638 animals were protected against the disease in 44 villages in 14 districts.

Blackquarter accounted for 34·2 per cent of the deaths as against 27·0 per cent in the previous year. 74·2 per cent of the deaths under this head occurred in Nellore, Chittoor, North Arcot, Salem, Coimbatore, Madura and Ramnad. The total number of cattle protected against blackquarter was 220,708 as against 240,943 in the provious year.

Hœmorrhagic Septicaemia and Foot and Mouth disease accounted for 13·6 per cent and 2·2 per cent of the deaths respectively as against 13·7 per cent and 5·7 per cent in the previous year. The first disease prevailed in a severe form in the districts of Guntur, Tanjore, Nellore and Malabar and to a moderate extent in Vizagapatam and Kistna. The second disease showed a comparatively high incidence in Vizagapatam which was responsible for nearly 25 per cent of the total number of deaths in the Province from that disease.

A mortality of 3,187 or 11·4 per cent of the total mortality from all diseases was recorded under "Other contagious diseases" of cattle as against 10,948 or 26·4 per cent of the total in the previous year.

17. **Condition of the agricultural population.**—The economic condition of the agricultural population during the fasli under review continued to be much the same as in the

previous fasli. The low outturn of crops, especially dry crops, coupled with the low prices caused some hardship to the ryot population in spite of the liberal land revenue concessions granted by the Government.

The Madras Agriculturists' Relief Act and the Prohibition Act continued to be in force during the fasli under review.

The Prohibition Act which was in force in fasli 1347 in the Salem district was extended from 1st October 1938 to two more districts, viz., Cuddapah and Chittoor. The Act was as well received in these districts as it had been in Salem, and women in particular in both the districts have been its enthusiastic supporters. As in the Salem district, the working of the Act in the other two districts was entrusted to the Police department which received whole-hearted co-operation from non-officials and officers of other departments of Government. Illicit distillation was not only not much in evidence in the areas where the Act was in force, but there was a consensus of impressive and unbiassed opinion in the Cuddapah district that professional illicit distillation which had been so rampant in many parts of the district in Pre-prohibition days had largely disappeared. With the drying up of the market for liquor owing to the introduction of Prohibition the professional illicit distiller has practically been driven out of his trade.

To provide employment for ex-tappers in agricultural pursuits, a co-operative Land colonization society was formed during the year in the Salem district and lands were selected and assigned to the society. Similar proposals to assign lands to tappers in Chittoor district and to start land Colonization Societies were under the consideration of Government at the end of the year. The Department of Industries and Commerce conducted successful demonstrations in the manufacture of jaggery from palmyra and date juice and co-operative societies for the manufacture of jaggery from sweet toddy were started in Cuddapah and Chittoor districts.

The Special Development Officer continued to do very useful work in the Salem district. Thrift was encouraged by working the hundi box saving system in all the three districts, and the collections were satisfactory. In Chittoor district the Co-operative Department has organized societies for labour contract, bee-keeping, land colonization and metal industry and loan and sale societies. Sale and credit societies and women's cottage industries were also organized in the Cuddapah district. The rural uplift schools sanctioned by the Government for the Salem district are reported to have aroused many villages from a condition bordering on apathy and introduced a healthier atmosphere into village life. Similar activities were undertaken in Chittoor and Cuddapah districts also.

The beneficial effects of prohibition on the economic and social conditions of the masses are reported to be more and more in evidence in all the Prohibition areas.

Apart from ensuring a better standard of living among that large section of the population which had previously been leading a precarious existence on the border line of want, prohibition has helped the ex-addicts to discharge their previous debts in many cases and to improve their general health. Prohibition has thus been a great boon to those classes which have stood most in need of health and reformation.

The Madras Agriculturists' Relief Act, 1938, has ameliorated the condition of the indebted agriculturists by reducing their indebtedness to some extent. The ryots are reported to be resorting to the Debt Conciliation Boards to have their debt scaled down under the provisions of the Act. Land mortgage banks and co-operative credit societies afford some relief.

The economic condition of the agricultural labourer has on the whole been fair.

APPENDIX I (paragraphs 1 to 6 ; pages 1 to 3 of the report).

Rainfall in inches in each month and period in 1938–39 as compared with the average of the 51 years ending with 1920.

District.	South-west monsoon (7th June to 26th September). June.		July.		August.		September.		Total.		Percentage departure from the normal.	North-east monsoon (27th September to 31st January). September.	October.		November.		December.		January.		Total.		Percentage departure from the normal.	District.
	Average (a).	1938–39 (b).	Average.	1938–39.	Average.	1938–39.	Average (a).	1938–39 (c).	Average.	1938–39.		1938–39 (d).	Average.	1938–39.	Average.	1938–39.	Average.	1938–39.	Average.	1938–39.	Average.	1938–39.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
Vizagapatam (Plains).	4·9	3·4	5·7	4·3	6·8	5·3	7·8	6·3	25·2	19·3	– 23·4	7·3	7·0	7·1	2·7	6·7	0·8	..	0·2	0·1	10·7	21·2	+ 98·1	Vizagapatam (Plains)
East Godavari. Agency.	6·9	5·3	10·7	13·4	9·7	9·1	8·8	6·5	36·1	3[illegible]·3	– 5·0	3·6	5·4	3·3	1·8	4·3	0·2	0·1	0·3	..	7·7	11·3	+ 46·8	East Godavari. Agency
East Godavari. Plains.	5·3	5·3	6·3	10·8	6·2	5·6	6·8	5·3	24·6	27·0	+ 9·8	6·8	7·8	3·5	3·9	8·3	0·5	..	0·2	0·3	12·4	18·9	+ 52·4	East Godavari. Plains
West Godavari ..	5·5	3·8	7·0	10·[illegible]	6·8	8·1	7·1	4·5	26·4	26·4	..	3·5	6·4	1·9	3·1	9·0	0·3	0·1	0·2	..	10·0	14·5	+ 45·0	West Godavari.
Kistna	4·7	3·8	6·7	7·1	6·7	11·1	6·0	4·9	24·1	26·9	+ 11·6	2·5	6·1	1·5	3·1	6·0	0·4	..	0·4	..	10·0	10·0	..	Kistna.
Guntur	3·3	2·1	4·5	3·6	5·1	8·9	5·6	7·0	18·5	21·[illegible]	+ 16·8	3·7	5·9	1·1	3·7	1·4	0·6	0·1	0·4	0·1	10·6	6·4	– 39·6	Guntur.
Kurnool	2·5	3·3	4·3	3·7	4·5	8·0	6·0	6·0	17·3	21·0	+ 21·4	4·7	3·9	..	1·7	..	0·3	..	0·2	..	6·1	4·7	–23·0	Kurnool.
Bellary	2·6	1·6	2·8	2·7	3·5	8·4	5·7	7·0	14·6	19·7	+ 34·[illegible]	2·8	3·9	0·9	1·5	0·2	0·2	..	0·1	..	5·7	3·9	–31·6	Bellary.
Anantapur	2·1	1·0	2·4	1·9	3·2	12·9	5·7	6·7	13·4	22·5	+ 67·9	2·4	4·0	0·5	2·0	0·1	0·3	..	0·1	..	6·4	3·0	– 53·1	Anantapur.
Cuddapah	2·3	2·7	3·2	2·4	4·4	8·7	5·5	7·8	15·4	21·6	+ 40·3	1·2	5·2	1·0	3·9	0·1	1·0	..	0·4	0·3	10·5	2·6	– 75·2	Cuddapah.
Nellore	1·6	0·8	2·5	2·4	3·0	5·2	4·2	6·3	11·3	14·7	+ 30·1	2·4	8·7	3·6	9·0	0·3	2·8	2·3	1·0	0·7	21·5	9·3	– 56·7	Nellore.
Chingleput	1·9	1·4	3·6	2·9	5·0	5·2	5·3	8·5	15·8	18·0	+ 13·9	0·2	9·8	5·9	12·3	0·3	4·9	0·6	1·2	0·8	28·2	7·8	– 72·3	Chingleput.
South Arcot	1·7	1·9	3·2	2·8	5·5	6·7	6·2	6·1	16·6	17·5	+ 5·4	0·2	8·7	5·7	10·9	1·6	5·2	1·4	1·1	2·1	25·9	11·0	– 57·5	South Arcot.
Chittoor	2·2	0·5	3·0	2·5	4·3	6·6	5·4	8·7	14·9	18·3	+ 22·8	0·3	6·0	1·3	6·0	0·2	1·9	0·7	0·8	1·5	14·7	4·0	– 72·8	Chittoor.
North Arcot	2·2	1·[illegible]	3·6	3·9	5·5	7·2	6·8	8·7	18·1	20·8	+ 14·9	0·1	6·3	1·9	6·3	0·3	2·5	0·7	0·8	0·9	15·9	3·9	– 75·5	North Arcot.
Salem	2·0	0·9	2·7	6·2	4·3	8·7	5·8	4·3	14·8	20·1	+ 35·8	0·2	6·1	1·3	4·0	0·4	1·1	0·8	0·4	0·5	11·6	3·2	– 72·4	Salem.
Coimbatore	1·5	0·7	1·5	4·1	2·1	4·5	3·3	2·2	8·4	11·5	+ 36·9	0·3	6·4	1·3	4·1	0·8	1·2	1·4	0·5	0·7	12·2	4·5	– 63·1	Coimbatore.
Trichinopoly	1·4	0·1	1·8	4·2	3·7	8·0	5·2	4·6	12·1	16·9	+ 39·7	..	6·8	3·8	5·8	0·8	2·6	2·3	0·8	1·5	16·0	8·2	– 48·7	Trichinopoly
Tanjore	1·4	0·5	2·0	2·2	4·3	5·4	4·7	2·5	12·4	10·6	– 14·5	0·1	7·9	7·9	12·2	3·9	7·0	5·0	1·4	2·0	28·5	18·9	– 33·7	Tanjore.
Madura	1·4	0·1	1·4	2·7	2·6	4·1	3·6	3·0	9·0	9·9	+ 10·0	..	7·4	3·1	5·7	2·3	2·2	2·5	0·8	1·1	16·1	9·0	– 44·1	Madura.
Ramnad	0·9	0·1	1·3	3·1	2·5	2·7	2·8	3·7	7·5	9·6	+ 28·0	..	7·0	3·4	7·0	1·8	3·3	4·0	1·2	2·0	18·5	11·2	– 39·5	Ramnad.
Tinnevelly	0·9	0·3	0·7	0·8	0·7	1·2	1·0	1·4	3·3	3·7	+ 60·9	0·4	6·7	4·8	7·9	4·5	4·1	2·7	1·8	1·8	20·5	14·2	– 30·7	Tinnevelly.
Malabar	31·3	28·8	32·2	31·6	16·7	12·2	8·2	5·1	88·4	77·7	– 12·1	2·4	10·6	8·6	5·5	2·4	1·1	0·2	0·3	..	17·5	13·6	– 22·3	Malabar.
South Kanara ..	39·6	45·9	45·9	46·8	27·5	20·1	12·5	10·4	125·5	123·2	– 1·8	9·0	8·7	5·4	3·3	2·1	0·6	..	0·1	..	12·7	16·5	+ 29·9	South Kanara.
The Nilgiris	10·1	7·4	14·5	9·3	9·7	11·1	7·8	7·1	42·1	34·9	– 17·1	0·5	10·1	5·5	6·8	2·1	2·6	2·9	1·3	0·9	20·8	11·9	– 42·8	The Nilgiris.

(a) The figures in this column which are for the entire month represent the average rainfall for the 51 years ending with 1920.
(b) Relates to the period 7th to 30th June 1938.
(c) Relates to the period, 1st to 26th September 1938.
(d) Relates to the period, 27th to 30th September 1938.

Rainfall in inches in each month and period in 1938-39 as compared with the average of the 51 years ending with 1920—*cont.*

District.	Hot weather (1st February to 6th June). February. Average.	February. 1938–39.	March. Average.	March. 1938–39.	April. Average.	April. 1938–39.	May. Average.	May. 1938–39.	June. 1938–39 (a).	Total. Average.	Total. 1938–39.	Percentage departure from the normal.	Grand Total. Average.	Grand Total. 1938–39.	District.
	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	
	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		IN.	IN.	
Vizagapatam (Plains) *	*0·6*	..	*0·6*	1·4	*1·1*	0·3	*2·5*	0·6	0·1	*4·8*	2·4	− 50·0	*40·7*	42·9	Vizagapatam (Plains).
East Godavari { Agency	*0·5*	..	*0·6*	0·4	*1·7*	1·4	*2·4*	0·8	..	*5·2*	2·6	− 50·0	*49·0*	48·2	Agency } East Godavari.
East Godavari { Plains	*0·3*	..	*0·4*	1·3	*0·6*	0·6	*2·0*	0·1	..	*3·3*	2·0	− 39·4	*40·3*	47·9	Plains } East Godavari.
West Godavari	*0·2*	..	*0·3*	1·2	*0·6*	0·7	*1·7*	0·3	..	*2·8*	2·2	− 21·4	*39·2*	43·1	West Godavari.
Kistna	*0·3*	..	*0·4*	1·2	*0·7*	0·5	*1·5*	0·2	..	*2·9*	1·9	− 34·5	*37·0*	3·-8	Kistna.
Guntur	*0·2*	..	*0·4*	0·7	*0·6*	1·0	*1·5*	0·1	..	*2·7*	1·8	− 33·3	*31·8*	29·8	Guntur.
Kurnool	*0·2*	..	*0·2*	0·1	*0·6*	0·7	*1·3*	0·2	..	*2·3*	1·0	− 56·5	*25·7*	26·7	Kurnool.
Bellary	*0·1*	..	*0·2*	0·1	*0·7*	0·6	*1·9*	0·5	0·1	*2·9*	1·3	− 55·2	*23·2*	24·9	Bellary.
Anantapur	*0·1*	..	*0·2*	0·6	*0·6*	1·8	*2·0*	0·7	0·1	*2·9*	3·2	+ 10·3	*22·7*	28·7	Anantapur.
Cuddapah	*0·1*	..	*0·2*	0·4	*0·5*	1·7	*1·5*	0·4	0·1	*2·3*	2·6	+ 13·0	*28·2*	26·8	Cuddapah.
Nellore	*0·2*	..	*0·3*	0·7	*0·4*	3·2	*1·3*	0·1	0·1	*2·2*	4·1	+ 86·4	*35·0*	28·1	Nellore.
Chingleput	*0·4*	..	*0·2*	1·5	*0·5*	5·7	*1·4*	0·2	0·3	*2·5*	7·7	+ 208·0	*46·5*	33·5	Chingleput.
South Arcot	*0·6*	..	*0·2*	0·6	*0·8*	8·7	*1·9*	1·4	2·0	*3·5*	12·7	+ 262·9	*46·0*	41·[illegible]	South Arcot.
Chittoor	*0·2*	..	*0·3*	1·2	*0·8*	5·6	*2·4*	0·9	0·4	*3·7*	8·1	+ 118·9	*33·3*	30·4	Chittoor.
North Arcot	*0·3*	..	*0·3*	0·8	*0·8*	5·2	*2·7*	2·2	0·6	*4·1*	8·8	+ 114·6	*38·1*	33·5	North Arcot.
Salem	*0·3*	..	*0·5*	1·3	*1·3*	5·3	*4·2*	3·4	1·4	*6·3*	11·4	+ 81·0	*32·7*	34·7	Salem.
Coimbatore	*0·3*	..	*0·6*	1·5	*1·7*	3·1	*3·4*	3·0	0·5	*6·0*	8·1	+ 35·0	*26·6*	24·1	Coimbatore.
Trichinopoly	*0·4*	..	*0·4*	0·8	*1·3*	6·9	*3·6*	1·4	1·8	*5·7*	10·9	+ 91·2	*33·8*	36 0	Trichinopoly.
Tanjore	*0·6*	..	*0·3*	0·3	*1·0*	11·4	*2·1*	4·5	..	*4·0*	16·2	+305·0	*44·9*	45·7	Tanjore.
Madura	*0·5*	0·3	*0·7*	1·2	*2·0*	3·6	*3·1*	1·8	1·1	*6·3*	8·0	+ 27·0	*31·4*	26·9	Madura.
Ramnad	*0·6*	0·7	*0·7*	0·7	*1·8*	3·3	*1·9*	3·0	2·0	*5·0*	9·7	+ 94·0	*31·0*	30·5	Ramnad.
Tinnevelly	*0·9*	0·8	*1·2*	0·8	*1·8*	2·1	*1·3*	1·3	0·2	*5·2*	5·2	..	*29·0*	23·1	Tinnevelly.
Malabar	*0·3*	0·1	*0·7*	0·3	*3·0*	6·1	*8·0*	2·5	3·5	*12·0*	12·5	+ 4·2	*117·9*	103·8	Malabar.
South Kanara	*0·1*	..	*0·1*	..	*1·4*	2·8	*5·7*	0·4	2·2	*7·3*	5·4	− 26·0	*145·5*	145·1	South Kanara.
The Nilgiris	*1·1*	[0·5	*1·2*	1·0	*3·2*	3·9	*5·7*	4·1	2·8	*11·2*	12·3	+ 9·8	*74·1*	59·1	The Nilgiris.

(*a*) Relates to the period 1st to 6th June 1939.

* The figures rainfall entered against Vizagapatam relate to the newly constituted district.

APPENDIX II (paragraph 7 ; page 3 of the report).

Classification of area in each district under forests, etc., in 1938–39 and the percentage of the area under each classification to the total area.

District.	Forests.		Not available for cultivation.		Other uncultivated land excluding current fallows.		Current fallow.		Net area sown.		Total area.	District.
	Area.	Percentage to the total area.	Area.	Percentage to the total area.	Area.	Percentage to the total area.	Area.	Percentage to the total area.	Area.	Percentage to the total area.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	ACS.		ACS.		ACS.		ACS.		ACS.		ACS.	
Vizagapatam	12,13,909	24	1,191,617	23	541,470	10	586 310	11	1,635,956	32	5,169,262	Vizagapatam.
East Godavari ..	864,450	22	1,093,508	28	642,532	16	294,565	7	1,085,643	27	3,980,698	East Godavari.
West Godavari ..	48,210	3	153,208	10	137 262	9	371,437	25	800,904	53	1,511,021	West Godavari.
Kistna	110,046	5	521 833	23	255,305	11	257,199	11	1,125,403	50	2,269,786	Kistna.
Guntur	468,927	13	531,547	14	211,039	6	403,095	11	2,069,216	56	3,683,824	Guntur.
Kurnool	1,647,911	34	332,389	7	529,393	11	271,981	5	2,078 030	43	4,859,704	Kurnool.
Bellary	361,078	10	214,751	6	376 358	10	248 336	7	2,443,368	67	3,643,891	Bellary.
Anantapur	446 464	10	318,956	7	1,059 288	25	450,375	11	2,031,970	47	4,307,053	Anantapur.
Cuddapah	1,156,066	30	499,093	13	855 096	23	211 644	6	1,068,853	28	3,790,752	Cuddapah.
Nellore	468,928	9	1,618,734	32	1,011,651	20	703,946	14	1,283,941	25	5,087,200	Nellore.
Chingleput	126,710	7	715,681	36	153,712	8	221,880	11	747,914	38	1,965,897	Chingleput.
Madras	..	..	18,685	100	..	..	..	..	..	..	18,685	Madras.
South Arcot	163,232	6	629,222	23	243,551	9	334,481	13	1,322,538	49	2,693,024	South Arcot.
Chittoor	523,997	14	1,445,122	38	559,114	15	430 375	11	820,257	22	3,778,865	Chittoor.
North Arcot	757,481	25	598 008	17	211,617	7	342,411	12	1,162,869	39	2,982,386	North Arcot.
Salem	1,000,620	22	793,404	18	695 112	15	458,503	10	1,566,465	35	4,517,107	Salem.
Coimbatore	1,448,912	32	327,413	7	173,136	4	897,479	20	1,693,313	37	4,545,253	Coimbatore.
Trichinopoly	144,921	5	452,879	16	219 245	8	664,457	24	1,344,368	47	2,825,870	Trichinopoly.
Tanjore	24,421	1	632,590	26	209 239	9	208,816	9	1,322,160	55	2,397,276	Tanjore.
Madura	741,494	24	108 931	4	573,202	19	443,226	15	1,186 315	38	3,061,218	Madura.
Ramnad	63,018	2	850,227	27	500,456	16	464,096	15	1,237,462	40	3,115,259	Ramnad.
Tinnevelly	222,252	8	477,131	17	127,310	5	782,245	28	1,179,789	42	2,788,727	Tinnevelly.
Malabar	358,482	10	602 809	17	867,813	24	260,411	7	1,506,172	42	3,595,777	Malabar.
South Kanara	518,761	20	407,703	16	654 757	25	423 439	17	568,840	22	2,573,500	South Kanara.
The Nilgiris	311,197	49	45,599	7	50,203	8	129,830	21	96,531	15	633,360	The Nilgiris.
Province	**13,191,517**	16·5	**14,497,180**	18·2	(a) **10,862,821**	13·6	(b) **9,860,540**	12·4	(c) **31,383,337**	39·3	**79,795,395**	Province.

(a) This includes 255,094 acres of babul trees, casuarinas, thatching grass, etc., mostly in the Carnatic 99,502 acres.
(a), (b) and (c) The total cultivable area in the Province is 52,106 608 acres.

NOTE (1).—*Column* (2).—" Forests ". This comprises land classed or administered as forest under any legal enactment and includes reserved forests and reserved lands.

(2) *Column* (4).—" Not available for cultivation " This represents (1) the difference between the total area of poramboke and the total area of poramboke occupied and (2) military lands (Government of India).

(3) *Column* (6)—"Other uncultivated land excluding current fallows." This represents all uncultivated land other than those included in columns (2), (4) and (8). Much of this area is hardly cultivable at all and very little with profit.

APPENDIX III (paragraph 8 ; page 3 of the report).

Area irrigated in each district from the various sources of irrigation (canals, tanks, etc., in 1938–39).

District.	Area irrigated from							Percentage of irrigated area to net area sown.	Percentage of area irrigated by wells to the total area irrigated.	Percentage of irrigated area to net area sown in the previous year.	District.
	Government canals.	Private channels.	Tanks.	Wells having independent ayacuts.	Wells supplementing recognized sources of irrigation.	Other sources, i.e., spring channels, etc.	Total.				
(1)	(2)	(3)	(4)	(5-a)	(5-b)	(6)	(7)	(8)	(9)	(10)	(11)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.				
Vizagapatam ..	146,486	90,408	491,711	75,610	17,124	59,136	863,351	53	9	52	Vizagapatam.
East Godavari ..	372,619	50,473	103,288	3	754	25,029	551,412	51	..	52	East Godavari.
West Godavari ..	483,567	..	68,419	1,472	1,236	21,971	575,429	72	..	71	West Godavari.
Kistna	505,123	1,027	60,035	10,170	..	17,390	593,745	53	2	52	Kistna.
Guntur	349,932	..	15,928	17,362	11	7,070	390,292	19	4	18	Guntur.
Kurnool	36,218	..	47,811	23,693	1,519	9,984	117,706	6	20	5	Kurnool.
Bellary	17,705	..	18,642	9,772	2,839	8,367	54,486	2	18	2	Bellary.
Anantapur ..	39,971	833	119,231	61,701	5,493	4,605	226,341	11	27	8	Anantapur.
Cuddapah ..	49,397	..	60,640	86 006	1,011	29,352	225,485	11	38	19	Cuddapah.
Nellore	159,675	98	133 570	83,447	6,828	10,172	386,962	30	22	38	Nellore
Chingleput ..	10,383	20	429 017	10,936	33,438	10,361	460,697	62	2	73	Chingleput.
South Arcot ..	131,703	..	272,974	39,506	51,091	15,859	460,042	35	9	36	South Arcot.
Chittoor	13,134	1,266	137,203	50 009	18,173	54,095	255,707	31	20	34	Chittoor.
North Arcot ..	22,195	2,625	248,955	84,688	51,483	13,285	371,748	32	23	31	North Arcot.
Salem	24,318	424	64,831	118,668	51,066	7,055	215,296	14	55	13	Salem.
Coimbatore ..	75,935	632	18,875	303,841	1,171	9,083	408,466	24	74	24	Coimbatore.
Trichinopoly ..	142,740	..	61,478	78,436	12,844	3,113	285,767	21	27	23	Trichinopoly.
Tanjore	986,373	1,081	71,612	541	14,492	705	1,060,312	80	..	79	Tanjore.
Madura	139,629	1,234	90,994	135 805	4,688	963	368,625	31	37	31	Madura.
Ramnad	463	231	249,510	52,185	..	27,381	320,800	26	16	28	Ramnad.
Tinnevelly ..	45,959	2,576	147,343	55,220	10,365	1,995	253,093	21	22	21	Tinnevelly.
Province	**3,753,555**	**153,008**	**2,903,067**	**1,299,161**	**235,624**	**336,971**	**84,45,762**	26·9	15·4	27·3	Province.

NOTE.—There are no sources of irrigation on the West Coast and the Hills.
Excluding the West Coast and the Hills, 28·9 per cent was irrigated during the year.

APPENDIX IV (paragraph 9; page 3 of the report).

Area of crops irrigated in 1938–39.

Area irrigated under

District.	Paddy. Normal.	Paddy. 1938–39.	Cholam. Normal.	Cholam. 1938–39.	Cumbu. Normal.	Cumbu. 1938–39.	Ragi. Normal.	Ragi. 1938–39.	Cotton. Normal.	Cotton. 1938–39.	Sugarcane.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Vizagapatam	776,000	688,982	..	204	500	1,017	140,000	117,564	800	82	28,424	Vizagapatam.
East Godavari ..	589,000	608,099	100	48	..	3	440	345	20	..	6,585	East Godavari.
West Godavari ..	635,000	669,303	50	115	..	..	240	254	..	..	1,774	West Godavari.
Kistna	549,000	567,236	..	82	..	..	440	317	..	..	2,540	Kistna.
Guntur	346,000	366,540	2,580	2,090	3,010	3,369	7,600	7,950	80	2	296	Guntur.
Kurnool	60,300	66,729	3,100	1,868	10,300	11,739	17,800	18,296	2,440	948	377	Kurnool.
Bellary	33,100	30,648	3,110	4,624	140	617	6,720	7,959	2,370	2,326	6,954	Bellary.
Anantapur	108,000	174,545	27,000	16,698	500	194	72,900	78,621	990	146	1,618	Anantapur.
Cuddapah	107,000	115,783	8,600	9,112	30,900	25,942	58,200	47,977	2,750	1,653	175	Cuddapah.
Nellore	410,000	327,798	4,250	74,344	77,400	79,446	73,600	69,142	20	41	32	Nellore.
Chingleput	554,000	410,340	530	357	4,020	1,556	64,100	65,592	..	23	206	Chingleput.
South Arcot	495,000	423,389	1,500	4,293	11,800	9,488	63,600	62,177	320	110	9,719	South Arcot.
Chittoor	180,000	189,009	17,600	15,056	18,700	25,821	59,100	66,951	10	56	6,816	Chittoor.
North Arcot	483,000	427,703	13,800	19,167	10,800	14,539	72,200	85,563	290	74	5,765	North Arcot.
Salem	162,000	166,970	32,100	34,204	35,800	27,794	34,800	28,475	26,000	19,618	4,891	Salem.
Coimbatore	113,000	92,734	135,000	119,313	50,400	47,974	97,700	56,786	(a)129,000	(b) 95,823	7,453	Coimbatore.
Trichinopoly	271,000	279,394	26,500	37,456	33,500	30,841	35,100	25,456	15,600	5,309	6,828	Trichinopoly.
Tanjore	1,046,000	1,128,053	10,600	8,295	1,100	896	10,500	8,037	..	6	819	Tanjore.
Madura	337,600	288,535	66,300	86,031	12,000	8,358	45,200	38,263	27,100	19,545	1,687	Madura.
Ramnad	285,000	192,878	17,000	26,337	4,600	8,803	45,800	49,420	16,900	12,793	316	Ramnad.
Tinnevelly	328,000	289,349	53,300	61,694	2,750	2,164	24,000	24,597	8,470	6,194	208	Tinnevelly.
Province	**7,868,000**	**7,504,017**	**423,020**	**521,388**	**308,220**	**300,561**	**930,040**	**859,742**	**233,160**	**164,754**	**93,483**	Province.

Area irrigated under

District.	Korra.	Varagu.	Samai.	Other cereals and pulses.	Gingelly.	Ground-nut.	Castor.	Indigo.	Other crops.	Total.	Percentage of the area of crops irrigated to the total area sown.	District.
	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Vizagapatam	4	..	167	5,165	47,241	1	148	..	34,095	923,094	*41*	Vizagapatam.
East Godavari ..	..	..	47	3,320	30,163	170	2	..	19,843	668,625	*48*	East Godavari.
West Godavari ..	1	13	4	180	26,532	420	1	..	30,343	728,940	*71*	West Godavari.
Kistna	25	..	..	85	..	27	2	..	23,431	593,745	*48*	Kistna.
Guntur	142	115	7	1,410	5	23	2	..	11,394	393,345	*17*	Guntur.
Kurnool	1,422	1,024	..	3,964	108	4,717	91	43	19,523	130,849	*6*	Kurnool.
Bellary	2,362	..	..	2,999	40	712	390	..	8,834	68,465	*3*	Bellary.
Anantapur	2,558	11	6	1,463	57	317	4	55	22,287	298,580	*14*	Anantapur.
Cuddapah	16,797	2,698	18	2,179	4,280	9,547	41	4,576	28,869	269,557	*24*	Cuddapah.
Nellore	10,662	9,423	218	5,508	1,113	287	56	1,310	23,656	603,036	*42*	Nellore.
Chingleput	102	1,297	20	3,661	3,664	5,239	..	160	11,721	503,938	*58*	Chingleput.
South Arcot	121	819	25	597	3,745	66,481	356	272	14,927	598,519	*39*	South Arcot.
Chittoor	1,507	509	94	1,961	4,725	11,638	1,139	606	16,875	342,763	*38*	Chittoor.
North Arcot	27	210	5	413	3,768	8,721	33	132	21,349	587,469	*43*	North Arcot.
Salem	1,082	257	200	3,984	2,264	2,793	178	457	32,842	326,009	*18*	Salem.
Coimbatore	9,517	3,333	286	2,273	2,704	2,273	9,736	..	63,066	513,271	*26*	Coimbatore.
Trichinopoly	265	441	56	531	3,369	11,250	52	47	36,333	437,628	*29*	Trichinopoly.
Tanjore	68	56	..	262	425	12,135	42	..	32,414	1,191,508	*79*	Tanjore.
Madura	6,654	1,440	134	7,208	2,354	9,786	56	..	44,024	514,075	*38*	Madura.
Ramnad	68	6,805	111	5,654	3,326	3,091	15	..	19,084	328,706	*26*	Ramnad.
Tinnevelly	82	573	106	8,796	3,753	602	238	8	57,824	456,188	*33*	Tinnevelly.
Province	**53,376**	**29,024**	**1,504**	**61,613**	**113,636**	**150,230**	**12,582**	**7,666**	**572,734**	**10,476,310**	*29·1*	Province.

(*a*) Includes 15,500 acres of irrigated Karunganni. (*b*) Includes 3,029 acres of irrigated Karunganni.

Note.—There are no sources of irrigation on the West Coast and the Hills.

APPENDIX V (Quinquennial).

Total number of oil-engines, tanks, channels and wells actually used in each district of Madras Province for purposes of irrigation in 1935–36.

District.	Oil engines in working order.	Tanks with ayacuts. Under 10 acres. Govern-ment.	Under 10 acres. Pri-vate.	Not exceeding 200 acres. Govern-ment.	Not exceeding 200 acres. Pri-vate.	Exceeding 200 acres. Govern-ment.	Exceeding 200 acres. Pri-vate.	Total. Govern-ment.	Total. Pri-vate.	Channels of all sorts. Govern-ment.	Channels of all sorts. Pri-vate.	Wells of all sorts. Govern-ment.	Wells of all sorts. Pri-vate.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Ganjam (a)	..	459	32	1,019	172	52	..	1,530	204	860	2	..	818	Ganjam.
Vizagapatam (a) ..	2	683	264	1,396	62	76	..	2,155	326	254	42	9	3,349	Vizagapatam.
East Godavari	7	197	43	866	16	63	34	1,126	93	729	343	..	68	East Godavari.
West Godavari	16	70	66	292	22	24	..	386	88	678	..	3	1,391	West Godavari.
Kistna	21	16	1,008	83	224	1	7	100	1,239	792	39	2	1,131	Kistna.
Guntur	22	13	20	240	38	13	1	266	59	2,154	81	628	5,118	Guntur.
Kurnool	3	75	14	315	30	41	..	431	44	229	2	648	6,535	Kurnool.
Bellary	6	52	40	178	7	31	..	261	47	183	7	265	5,597	Bellary.
Anantapur	4	244	96	713	99	110	2	1,067	197	1,450	177	363	27,313	Anantapur.
Cuddapah	11	471	30	633	43	50	1	1,154	74	613	25	1,179	29,526	Cuddapah.
Nellore	1	25	34	402	90	147	3	574	127	125	..	522	13,990	Nellore.
Chingleput	186	226	8	1,920	17	415	1	2,561	26	406	3	94	23,834	Chingleput.
South Arcot	303	294	106	2,090	87	270	4	2,654	197	538	18	1,073	50,920	South Arcot.
Chittoor	13	1,922	31	1,834	24	34	..	3,790	55	1,101	63	1,014	28,851	Chittoor.
North Arcot	107	263	58	2,065	39	322	..	2,650	97	929	3	69	118,933	North Arcot.
Salem	51	667	323	1,124	106	59	..	1,850	429	891	44	487	85,041	Salem.
Coimbatore	152	7	8	69	9	37	2	113	19	200	162	174	97,810	Coimbatore.
Trichinopoly	34	616	332	741	39	61	..	1,418	371	386	8	31	62,131	Trichinopoly.
Tanjore	..	37	5	319	13	23	..	379	18	3,935	..	..	4,203	Tanjore.
Madura	6	1,894	320	1,542	28	119	..	3,555	348	656	..	110	46,661	Madura.
Ramnad	3	9	13	252	782	42	10	303	805	27	6	..	24,912	Ramnad.
Tinnevelly	32	233	100	1,491	184	143	1	1,867	285	274	6	224	37,206	Tinnevelly.
Province	**980**	**8,473**	**2,951**	**19,584**	**2,131**	**2,133**	**66**	**30,190**	**5,148**	**17,410**	**1,031**	**6,895**	**675,438**	Province.

Note.—Blanks in the statement mean that there is no figure under the head in the district.

(a) The figures entered in columns (2) to (14) against the districts of Ganjam and Vizagapatam relate to the newly constituted districts.

APPENDIX VI (paragraphs 10 and 11; pages 3 to 6 of the report).

Area sown with crops in 1938–39 as compared with the normal.

District.	Paddy unirrigated.		Paddy irrigated and unirrigated.		Cholam unirrigated.		Cholam irrigated and unirrigated.		Cumbu unirrigated.	
	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam ..	89,900	48,866	865,900	737,848	77,500	70,063	77,500	70,267	200,000	201,461
East Godavari.	72,100	92,193	661,100	700,292	99,000	94,802	99,100	94,8 0	49,300	51,231
West Godavari.	45,500	37,477	680,500	706,780	63,720	51,810	63,770	51,925	11,810	10,152
Kistna	21,200	14,212	570,200	581,4 8	212,000	215,456	212,000	215,538	27,000	20, 56
Guntur ..	44,200	39,109	390,200	405,649	420,000	414,423	422,580	4 6,513	180,000	175,777
Kurnool ..	10,500	9,326	70,800	76,655	556,000	590, 41	559,100	592,009	57,400	56,194
Bellary ..	3,430	2,773	36,530	33, 21	637,000	695, 58	640,110	699,882	115,000	134,070
Anantapur ..	1,020	1,230	109,020	1 5,7 5	243,000	286,316	270,000	303,014	172,000	173,879
Cuddapah ..	2,940	2,435	109,940	1 8,218	301,000	301,809	309,600	310,921	94,800	9 ,966
Nellore ..	29,100	31,903	439,100	359,701	424,000	330,3 0	428,250	404,704	29,000	18,463
Chingleput ..	135,000	179,966	689,000	590,306	7,170	6,719	7,700	7 076	11,300	10,682
South Arcot ..	85,300	112,882	580,300	536,271	86,100	90,378	87,600	94,671	87,500	97,285
Chittoor ..	11,000	10,711	191,000	199,720	24,600	33, 52	42,200	49,008	142,000	128,126
North Arcot ..	42,200	37, 92	525,200	465,495	47,400	51,634	61,200	70,801	96,700	63,690
Salem	5,740	2,918	167,740	169,188	183,000	216, 31	215,100	250,535	279,000	280,768
Coimbatore ..	2,000	1,055	115,000	93,789	332,000	383,043	467,000	502,356	296,000	204,478
Trichinopoly ..	34,500	46,532	305,500	325,926	229,000	233,742	255,500	271,198	231,000	240,210
Tanjore ..	86,800	74,153	1,132,800	1,2 2,206	580	1 019	11,180	9,314	5,760	6,708
Madura ..	3,070	2,6 8	340,670	291,163	180,000	243,101	246,300	329,132	28,300	20,581
Ramnad ..	141,000	135,868	426,000	328,746	57,900	55,543	74,900	81,880	137,000	149,751
Tinnevelly ..	4,050	2,031	332,050	291,380	27,700	25,915	81,000	87,609	153,000	176,142
Malabar ..	874,000	860,428	874,000	860,428	280	398	280	398	..	4
South Kanara.	582,000	588,731	582,000	588,731	..	..	..	..	..	..
The Nilgiris ..	5,610	5,852	5,610	5,852	120	109	120	109	..	10
Province ..	**2,332,160**	**2,340,371**	**10,200,160**	**9,844,388**	**4,209,070**	**4,392,322**	**4,632,090**	**4,913,710**	**2,403,870**	**2,416,984**

District.	Cumbu irrigated and unirrigated.		Ragi unirrigated.		Ragi irrigated and unirrigated.		Korra.		Varagu.	
	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam ..	200,500	202,478	132,000	120,041	272,000	237,605	21,000	11,816	6,000	10,315
East Godavari.	49,300	5 , 34	25,900	22,474	26,340	22,819	4,550	4,138	3,870	2,063
West Godavari.	11,810	10,152	5,650	4,338	5,890	4,592	830	716	1,610	825
Kistna	27,000	20,356	7,390	3,941	7,830	4,058	1,470	670	7,460	3,942
Guntur ..	183,010	179,146	8,080	8,737	15,680	16,687	69,900	59,724	5,790	1,315
Kurnool ..	67,700	67,933	6,040	3,589	23,840	21,885	473,200	480,609	96,300	95,111
Bellary ..	115,140	134,687	17,700	18,578	24,420	26,537	544,000	650,147	2,140	1,552
Anantapur ..	172,500	174,073	22,100	17,002	95,000	95,623	340,000	378,802	44,300	30,211
Cuddapah ..	125,700	122,908	7,010	2,908	65,210	50,885	107,000	124,815	31,200	36,763
Nellore ..	106,400	97,909	5,780	4,5 6	79,380	73,738	34,500	25,440	100,000	123,153
Chingleput ..	15,320	12,238	20,000	30,299	84,100	95,801	980	417	30,900	30,111
South Arcot ..	99,300	106,773	23,900	13,546	87,500	75,723	7,700	6,932	172,000	148,386
Chittoor ..	160,700	153,947	108,000	97,074	167,100	164,025	3,190	2,42	24,100	17,323
North Arcot ..	107,500	8, 2	36,300	20,103	108,500	105 666	1,210	883	92,800	55,501
Salem	314,800	308,562	218,000	240,477	252,800	268,952	11,300	13,282	66,800	72,465
Coimbatore ..	346,400	352,4 2	75,000	74,635	172,700	131,421	26,000	15,725	6,500	4,408
Trichinopoly ..	264,500	271,051	32,600	22,380	67,700	47,836	710	824	162,000	157,451
Tanjore ..	6,860	7,604	8,820	5,526	19,320	13,563	70	76	45,800	35,441
Madura ..	40,300	28,939	11,500	10,247	56,700	48,510	8,590	7,699	64,400	71,993
Ramnad ..	141,600	158,554	37,500	37,349	83,300	86,769	150	113	97,400	95,150
Tinnevelly ..	155,750	178,306	2,220	2,011	26,220	26,608	210	220	14,400	8,137
Malabar ..	..	4	11,400	10,749	11,400	10,749	930	982	50	103
South Kanara	..	..	6,660	6,236	6,660	6,236	..	..	..	..
The Nilgiris ..	..	10	2,560	2,880	2,560	2,880	360	148	10	565
Province ..	**2,712,090**	**2,717,545**	**832,110**	**779,516**	**1,762,150**	**1,639,258**	**1,657,850**	**1,786,606**	**1,075,830**	**1,002,284**

District.	Samai.		Maize.		Other cereals.		Total cereals.		Greengram.	
	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.	Normal.	1938–39.
	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam ..	20,000	27,663	2,500	11,096	40,000	37,895	1,505,400	1,346,983	130,000	164,435
East Godavari.	9,730	9,153	4,140	4,453	90	3,890	858,220	892,892	51,000	53,733
West Godavari.	1,290	870	1,560	1,383	586	359	767,840	777,602	3,310	2,322
Kistna	..	5	15,000	11,843	1,390	(a) 2,497	842,350	840,287	22,100	24,443
Guntur ..	340	926	35,000	28,647	316,720	243,480	1,439,220	1,352,087	12,000	17,291
Kurnool ..	970	370	120	77	25,480	9,553	1,317,510	1,343,602	4,690	7,538
Bellary ..	13,000	16,893	130	73	6,760	(b) 6,139	1,382,230	1,569,331	19,100	17,097
Anantapur ..	105,000	85,102	140	53	3,270	11,762	1,139,230	1,254,415	2,740	4,978
Cuddapah ..	5,160	4,290	80	33	13,040	11,032	766,930	779,865	760	1,181
Nellore ..	3,180	1,704	40	298	39,010	26,701	1,229,860	1,113,348	22,100	26,498
Chingleput ..	80	111	50	28	200	90	828,330	786,268	700	368
South Arcot ..	2,300	1,521	80	1,045	1,160	466	1,037,940	971 788	1,430	3,032
Chittoor ..	15,500	13,995	20	60	580	219	604,390	600,725	570	323
North Arcot ..	35,400	26,684	1,800	712	3,800	2,969	937,410	806,940	1,660	2,815
Salem	119,000	141,845	1,210	1,011	8,160	(c) 6,598	1,156,910	1,232,438	9,390	8,538
Coimbatore ..	81,200	67,405	500	128	1,050	748	1,216,350	1,168,432	8,050	10,310
Trichinopoly ..	23,900	21,237	1,680	1,776	720	730	1,082,210	1,098,029	1,620	1 470
Tanjore ..	260	99	380	458	340	157	1,217,010	1,268,918	50,800	44,587
Madura ..	79,100	64,234	150	910	24,240	(d) 24,307	860,450	866,887	790	514
Ramnad ..	12,000	10,320	730	106	59,700	72,027	895,780	833,665	3,100	3,800
Tinnevelly ..	46,400	36,931	340	14	26,800	26, 96	683,170	655,801	13,400	14,094
Malabar ..	12,300	12,201	..	..	380	261	890,340	885,126	2,250	2 574
South Kanara.	190	190	..	..	..	..	588,850	595,157	7,990	8,409
The Nilgiris ..	3,640	4,845	20	14	6,290	(e) 4,751	18,610	19,174	..	..
Province ..	**589,940**	**548,594**	**65,670**	**64,218**	**579,760**	**(f) 493,157**	**23,275,540**	**23,009,760**	**369,550**	**420,350**

(a) Includes 913 acres under barley. (b) Includes 3,844 acres under wheat. (c) Includes 1,221 acres under wheat. (d) Includes 1,057 acres under wheat. (e) Inc 1,847 acres under wheat and 2,579 acres under barley. (f) Includes 10,888 acres under wheat and 3,527 acres under barley.

Area sown with crops in 1938–39 as compared with the normal—*cont.*

District.	Redgram. Normal. (32)	Redgram. 1938–39. (33)	Blackgram. Normal. (34)	Blackgram. 1938–39. (35)	Bengalgram. Normal. (36)	Bengalgram. 1938–39. (37)	Horsegram. Normal. (38)	Horsegram. 1938–39. (39)	Other pulses. Normal. (40)	Other pulses. 1938–39. (41)	District.
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Vizagapatam ..	16,000	17,800	16,000	22,620	4,500	1,882	120,000	138,914	13,000	9,906	Vizagapatam.
East Godavari.	7,790	9,732	34,900	33,467	6,940	4,495	73,100	78,922	6,650	5,073	East Godavari.
West Godavari.	6,280	6,721	4,010	2,062	5,240	3,054	48,280	44,163	6,270	5,600	West Godavari.
Kistna	5,380	5,287	13,400	11,865	7,310	3,165	38,100	21,652	1,400	1,184	Kistna.
Guntur ..	22,600	22,355	3,670	13,759	17,200	5,420	41,700	20,126	1,530	3,059	Guntur.
Kurnool ..	28,200	35,955	2,980	3,824	17,100	7,844	81,500	40,478	1,240	1,555	Kurnool.
Bellary ..	30,600	35,046	240	5,528	14,900	8,513	95,100	86,415	19,000	22,426	Bellary.
Anantapur ..	18,900	45,306	..	2	5,620	6,499	312,000	231,522	3,100	3,782	Anantapur.
Cuddapah ..	1,410	3,865	200	97	2,470	1,733	47,800	36,688	1,150	678	Cuddapah.
Nellore ..	1,790	2,265	2,270	1,205	940	1,328	119,000	81,094	3,580	755	Nellore.
Chingleput ..	220	2 4	4,320	2,685	160	56	7,700	3,522	790	410	Chingleput.
South Arcot ..	6,710	8,149	2,030	2,011	330	104	7,110	1,266	2,430	2,249	South Arcot.
Chittoor ..	3,420	2,560	350	149	50	51	42,300	42,131	2,060	2,045	Chittoor.
North Arcot ..	20,500	31,962	5,530	3,371	340	399	54,100	22,343	2,760	3,968	North Arcot.
Salem	12,700	16,518	11,300	6,888	1,100	735	234,000	130,848	29,800	33,279	Salem.
Coimbatore ..	13,600	9,838	9,050	5,655	5,150	1,260	199,000	99,295	85,100	(a) 76,441	Coimbatore.
Trichinopoly ..	32,600	27,761	2,260	1,702	350	309	38,500	12,264	10,700	(b) 17,656	Trichinopoly.
Tanjore ..	6,980	6,181	10,100	11,259	50	109	900	468	1,760	2,504	Tanjore.
Madura ..	5,370	4,225	13,600	9,232	350	620	73,400	41,027	13,700	12,972	Madura.
Ramnad ..	5,600	6,260	11,700	9,716	400	1,009	15,200	12,703	5,440	4,796	Ramnad.
Tinnevelly ..	6,030	5,784	29,900	26,860	1,100	690	62,500	44,250	23,700	16,457	Tinnevelly.
Malabar ..	2,940	2,950	5,200	4,728	490	1,531	3,400	3.387	11,600	10,746	Malabar.
South Kanara	..	..	11,200	11,758	..	..	23,500	23,172	2,180	(c) 2,381	South Kanara.
The Nilgiris ..	..	..	..	5	..	..	10	10	600	715	The Nilgiris.
Province ..	**255,620**	**306,784**	**194,210**	**190,448**	**92,090**	**50,806**	**1,738,200**	**1,216,660**	**249,540**	**240,637**	Province.

(a) Includes 22,584 acres under dewgram and 15,867 acres under cowgram. (b) Includes 8,827 acres under dewgram, and 2,538 acres under cowgram. (c) Includes ,813 acres under cowgram.

District.	Total pulses. Normal. (42)	Total pulses. 1938–39. (43)	Chillies. Normal. (44)	Chillies. 1938–39. (45)	Other condiments and spices. Normal. (46)	Other condiments and spices. 1938–39. (47)	Total condiments and spices. Normal. (48)	Total condiments and spices. 1938–39. (49)	Sugarcane. Normal. (50)	Sugarcane. 1938–39. (51)	District.
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	
Vizagapatam ..	299,500	355,557	35,000	20,847	3,600	3,598	38,600	24,445	33,000	28,819	Vizagapatam.
East Godavari.	180,380	185,422	21,700	25,756	8,590	(a) 6, 24	30,290	31,880	8,230	6,655	East Godavari.
West Godavari.	73,390	63,922	9,030	8,574	5,830	(b) 5,038	14,860	13,612	1,580	1,774	West Godavari.
Kistna	87,690	67,596	16,700	10,613	10,500	(c) 4,399	27,200	15,012	1,650	2,638	Kistna.
Guntur ..	98,700	82,010	72,400	57,318	51,500	(d) 24,425	123,900	81,743	1,400	296	Guntur.
Kurnool ..	135,710	97,194	30,600	25,741	3,550	3,983	34,150	29,724	470	377	Kurnool.
Bellary ..	178,940	175,025	12,200	12,879	5,500	(e) 7,336	17,700	20,215	8,530	6,954	Bellary.
Anantapur ..	342,360	292,089	9,110	11,667	11,700	(f) 11,786	20,810	23,453	2,590	1,618	Anantapur.
Cuddapah ..	53,790	44,242	5,780	8,034	10,400	(g) 8,613	16,180	16,647	400	175	Cuddapah.
Nellore ..	149,680	113,145	10,300	12,732	3,000	1,965	13,300	14,697	50	32	Nellore.
Chingleput ..	13,890	7,305	4,220	5,376	800	2,701	5,020	8,077	370	206	Chingleput.
South Arcot ..	20,040	16,811	2,660	3,123	8,[illegible]0	3,512	11,030	6,635	11,500	9,719	South Arcot.
Chittoor ..	48,750	47,259	7,030	7,366	7,310	(h) 7,053	14,340	14,419	10,100	6,816	Chittoor.
North Arcot ..	84,890	64,858	4,020	6,908	6,420	(i) 5,291	10,440	12,199	6,940	5,765	North Arcot.
Salem	298,290	196,806	11,600	11,645	8,840	6,178	20,440	17,823	6,700	4,891	Salem.
Coimbatore ..	319,950	202,799	13,800	12,724	11,000	(j) 7,372	24,800	20,096	8,700	7,453	Coimbatore.
Trichinopoly ..	86,030	61,162	12,600	13,820	26,200	(k) 19,156	38,800	32,976	5,970	6,829	Trichinopoly.
Tanjore ..	70,590	65,108	5,730	6,137	3,720	3,114	9,450	9,251	740	819	Tanjore.
Madura ..	107,210	68,590	9,610	11,230	10,000	(l) 11,182	19,610	22,412	2,280	1,687	Madura.
Ramnad ..	41,440	38,284	11,300	19,804	10,200	(m) 8,985	21,500	28,789	320	316	Ramnad.
Tinnevelly ..	136,630	108,135	21,500	30,945	14,300	(n) 22,808	35,800	53,753	270	208	Tinnevelly.
Malabar ..	25,880	25,916	4,480	4,852	121,000	(o) 124,012	125,480	128,864	30	56	Malabar.
South Kanara.	44,870	45,720	5,980	6,608	11,000	(p) 11,552	16,980	18,160	3,780	4,159	South Kanara.
The Nilgiris ..	610	730	50	81	660	1,028	710	1,109	..	..	The Nilgiris.
Province ..	**2,899,210**	**2,425,685**	**337,400**	**334,780**	**353,990**	**(q) 311,211**	**691,390**	**645,991**	**115,600**	**(r) 98,262**	Province.

(a) Includes 1,354 acres under garlic. (b) Includes 1,451 acres under garlic. (c) Includes 2,500 acres under turmeric. (d) Includes 14,272 acres under coriander and ,163 acres under turmeric. (e) Includes 5,125 acres under coriander. (f) Includes 5,321 acres under coriander and 6,111 acres under tamarind. (g) Includes 4,534 cres under turmeric. (h) Includes 6,338 acres under tamarind. (i) Includes 4,607 acres under tamarind. (j) Includes 3,196 acres under turmeric. (k) Includes 14 442 cres under coriander. (l) Includes 1,410 acres under garlic and 4,617 acres under tamarind. (m) Includes 7,746 acres under coriander. (n) Includes 22,271 acres under oriander. (o) Includes 7,076 acres under turmeric, 10,968 acres under tamarind, 94 018 acres under pepper and 11,330 acres under ginger. (p) Includes 8,801 acres under epper and 713 acres under ginger. (q) Includes 7,304 acres under garlic, 85,063 acres under coriander, 83,036 acres under turmeric, 53 244 acres under tamarind, 02,819 acres under pepper and 12,043 acres under ginger. (r) The area under sugarcane ratoon (districtwar) is noted below :—

District.	Area under ratoon cane.	District.	Area under ratoon cane.	District.	Area under ratoon cane.
	ACS.		ACS.		ACS.
Vizagapatam ..	685	Chingleput ..	53	Trichinopoly ..	330
East Godavari ..	2,699	South Arcot ..	290	Tanjore	127
West Godavari ..	511	Chittoor	806	Malabar	17
Bellary	413	Coimbatore ..	63		

Area sown with crops in 1938–39 as compared with the normal—*cont.*

District.	Sugar (others). Normal. (52) ACS.	Sugar (others). 1938–39. (53) ACS.	Total Sugar. Normal. (54) ACS.	Total Sugar. 1938–39. (55) ACS.	Mangoes. Normal. (56) ACS.	Mangoes. 1938–39. (57) ACS.	Plantain. Normal. (58) ACS.	Plantain. 1938–39. (59) ACS.	Other fruits and vegetables including root crops. Normal. (60) ACS.	Other fruits and vegetables including root crops. 1938–39. (61) ACS.
Vizagapatam ..	1,500	2,215	34,500	31,034	32,000	25,832	4,400	3,402	13,900	(a) 17,746
East Godavari.	830	804	9,060	7,459	31,700	32,378	5,250	6,295	12,400	(b) 15,328
West Godavari.	880	840	2,460	2,614	9,820	10,904	5,290	4,676	11,080	(c) 12,909
Kistna	2,250	1,253	3,900	3,891	9,800	11,851	600	377	5,890	(d) 5,415
Guntur ..	3,670	4,089	5,070	4,385	2,550	2,451	1,130	568	9,130	(e) 9,311
Kurnool ..	1,080	308	1,550	685	3,680	3,863	400	282	3,690	4,132
Bellary ..	670	3,614	9,200	10,568	2,340	2,362	840	950	3,720	4,419
Anantapur ..	10,800	10,761	13,390	12,379	4,500	4,820	40	166	6,400	(f) 5,170
Cuddapah ..	1,100	993	1,500	1,168	13,300	16 074	330	206	9,260	(g) 12,993
Nellore ..	1,820	1,631	1,870	1,663	5,740	6,501	540	639	2,400	2,640
Chingleput ..	2,030	1,638	2,400	1,844	6,300	7,530	2,420	2,031	7,890	7,097
South Arcot ..	1,270	1,390	12,770	11,109	2,280	2,627	1,720	1,586	18,900	10,123
Chittoor ..	1,950	2,068	12,050	8,884	28,700	32,651	950	422	3,410	3,649
North Arcot ..	2,180	2,757	9,120	8,522	14,600	16,139	990	901	6,230	8,632
Salem	910	828	7,610	5,719	5,470	6,844	5,750	3,908	5,750	6,726
Coimbatore ..	640	1,445	9,340	8,898	470	607	5,510	4,757	10,300	(h) 8 877
Trichinopoly ..	380	423	6,350	7,252	2,500	2,551	9,350	9,547	14,000	(i) 17.894
Tanjore ..	2,630	2,906	3,370	3,725	6,030	5,012	11,500	11.792	9,300	6,841
Madura ..	1,330	1,491	3,610	3,178	3,530	4,076	16,500	18,014	11,600	(j) 14.553
Ramnad ..	3,200	3,107	3,520	3,423	750	863	3,400	3,168	5,960	(k) 8.896
Tinnevelly ..	32,100	(p) 38,997	32,370	39,115	1,110	1,152	7,640	7,185	10,800	(l) 11,635
Malabar ..	13,900	(q) 11,970	13,930	12,026	49,300	49,788	53,400	52,810	85,900	93.142
South Kanara	360	363	4,140	4,522	2,450	2,713	3,490	3,712	17,500	(m) 22,560
The Nilgiris ..	..	2	..	2	..	..	700	723	13,000	(n) 16,057
Province ..	**87,480**	**(r) 95,803**	**203,080**	**194,065**	**238,920**	**249,579**	**142,140**	**138,117**	**298,410**	**(o) 326,655**

(a) Includes 8,609 acres under onions. (b) Includes 4,726 acres under onions and 2,030 acres under fruits of citrus variety. (c) Includes 4,988 acres under onions and 1,636 acres under fruits of citrus variety. (d) Includes 2,878 acres under fruits of citrus variety. (e) Includes, 2,150 acres under fruits of citrus variety. (f) In[illegible] 3,258 under onions. (g) Includes 6,412 acres under onions and 3,831 acres under fruits of citrus variety. (h) Includes 5,097 acres under onions. (i) Includes [illegible] acres under onions and 8,538 acres under cashewnut. (j) Includes 6.486 acres under onions. (k) Includes 3,757 acres under onions. (l) Includes 4,777 acres u[illegible] onions. (m) Includes 3,769 acres under cashewnut, 3,604 acres under sweet potatoes and 3,381 acres under jack. (n) Includes 14,958 acres under potatoes. (o) In- cludes 63,592 acres under onions and 22,320 acres under fruits of citrus variety.

(p) Includes 38,907 acres under palmyra. (q) Includes 11,960 acres under palmyra. (r) Includes 79,323 acres under palmyra.

District.	Total fruits and vegetables including root crops. Normal. (62) ACS.	Total fruits and vegetables including root crops. 1938–39. (63) ACS.	Miscellaneous food crops. Normal. (64) ACS.	Miscellaneous food crops. 1938–39. (65) ACS.	Total, food crops. Normal. (66) ACS.	Total, food crops. 1938–39. (67) ACS.	Groundnut. Normal. (68) ACS.	Groundnut. 1938–39. (69) ACS.	Gingelly. Normal. (70) ACS.	Gingelly. 1938–39. (71) ACS.
Vizagapatam ..	50,300	46.980	4,000	3,025	1,932,300	1,808,024	175,000	220,507	162,000	149,385
East Godavari.	49,350	54,091	1,160	1,142	1,128,460	1,172,796	250	4,103	78,100	88,471
West Godavari.	26,190	28.489	230	196	884,970	886 435	5,120	32,000	74,600	71,324
Kistna	16,290	17,643	700	422	978,130	941,851	97,306	162,641	7,540	6,907
Guntur	12,810	12,330	1,730	510	1,681,430	1,533,085	249,000	313,216	1,270	2,107
Kurnool ..	7,770	8,277	250	374	1,496,940	1,479,856	369,000	410 864	2,420	2,012
Bellary	6,900	7,731	120	16	1,595,090	1,782,886	289,000	247,894	15,100	14,210
Anantapur ..	10,940	10,156	500	176	1,527,230	1,592,668	348,000	318,069	32,400	38,968
Cuddapah ..	22,890	29,273	1,360	3.040	862,650	874,235	177,000	184,912	5,000	6,456
Nellore	8,680	9,780	1,800	415	1,405,190	1,253,048	12,800	32,452	3,750	9.057
Chingleput ..	16,610	16,658	1,470	1,139	867,720	771,291	38,000	71,065	20,600	14,622
South Arcot ..	22,900	14,336	3,990	1,559	1,108,670	1.022.238	333,000	425.725	47,200	47,938
Chittoor ..	33,060	36,722	80	305	712,670	708,314	99,400	174,673	6,420	5.699
North Arcot ..	21,820	25,672	460	333	1,064,140	918,524	305,000	402,333	31,800	12,910
Salem	16,970	17,478	570	160	1,500,790	1,470,424	107,000	161,109	49,700	65,923
Coimbatore ..	16,280	14,241	90	13	1,586,810	1,414,479	164,000	189,442	33,800	47,635
Trichinopoly ..	25,850	29,902	210	36	1,239,450	1,229,357	98,500	133,400	59,700	87,293
Tanjore ..	26,830	23.645	2,820	5,125	1,330,070	1,375,772	56,600	63,162	21,000	27,009
Madura ..	31,630	36,633	1,080	1,521	1,023,590	999,221	92,900	140,325	17,900	40,653
Ramnad ..	10,110	12,927	2,200	1,952	974,550	919,040	47,600	59,563	26,400	33 222
Tinnevelly ..	19,550	19,972	1,500	1,631	909,020	878,407	9,570	19.178	56,800	91,658
Malabar ..	188,600	195,740	17,500	26,118	1,270,730	1,273,790	1,180	4,930	7,880	10,.513
South Kanara ..	23,440	28,985	..	..	678,280	692,544	10	25	2,660	2,403
The Nilgiris ..	13,700	16,780	70	68	33,700	37,863	..	..	20	22
Province ..	**679,470**	**714,351**	**43,890**	**49,276**	**27,792,580**	**27,039,128**	**3,075,230**	**3,771,588**	**764,060**	**876,397**

District.	Castor. Normal. (72) ACS.	Castor. 1938–39. (73) ACS.	Coconut. Normal. (74) ACS.	Coconut. 1938–39. (75) ACS.	Other oilseeds. Normal. (76) ACS.	Other oilseeds. 1938–39. (77) ACS.	Total, oilseeds. Normal. (78) ACS.	Total, oilseeds. 1938–39. (79) ACS.	Cotton unirrigated. Normal. (80) ACS.	Cotton unirrigated. 1938–39. (81) ACS.
Vizagapatam ..	1,000	1,078	10,000	10,701	1,500	(a) 494	349,500	382,165	11,500	9,164
East Godavari.	7,390	6,756	52,700	53,456	50	45	138,490	152,831	7,880	10,049
West Godavari.	7,010	3,833	9,550	9,692	130	5	96,410	116,854	760	658
Kistna	7,190	3,042	920	730	130	258	113,080	173,578	20,400	4,868
Guntur	32,100	28,511	180	162	520	518	283,070	344,514	80,600	62,958
Kurnool ..	32,900	27,844	80	134	3,750	(b) 1,563	408,150	442,417	231,000	192,527
Bellary	18,600	17,836	1,740	1,686	16,580	(c) 27,024	341.020	308,650	555,000	522,184
Anantapur ..	76,700	68,507	470	451	14,440	13,102	472,010	439,097	116,000	114,377
Cuddapah ..	10,700	11,065	120	127	3,280	631	196,100	203,191	57,200	52,805
Nellore	40,900	46,156	320	296	120	(d) 969	57,890	88,930	33,500	34,929
Chingleput ..	40	21	6,500	6,265	950	864	66,090	92,837	10	12
South Arcot ..	1,050	3,550	3,900	2,114	2,330	150	387,480	479,477	3,790	7,379
Chittoor ..	7,280	4,763	3,010	3,277	6,620	6,946	122,730	195,358	40	92
North Arcot ..	5,420	5,307	11,500	12,393	2,650	1,425	356,370	434,368	1,800	849
Salem	19,600	20,618	9,190	9,714	1,780	(e) 1,428	187,270	258,792	50,200	40,821
Coimbatore ..	10,100	7,051	10,200	11,439	690	1,012	218,790	256,579	204,000	126,652
Trichinopoly ..	7,520	9,251	6,470	6,358	1,470	1,375	173,660	237,677	41,100	25,211
Tanjore ..	390	373	35,400	35,033	7,070	5,903	120,460	131,480	240	80
Madura ..	4,880	2,298	7,240	7,920	4,140	233	127,060	191,429	138,000	110,004
Ramnad ..	1,200	669	4,960	8,689	220	38	80,380	102,181	213,000	197,574
Tinnevelly ..	930	1,108	5,250	5,364	180	248	72,730	117,556	285,000	250,194
Malabar ..	410	424	346,000	350,457	500	74	355,970	366,398	300	365
South Kanara ..	230	214	47,200	48,966	70	80	50,170	51,688	190	190
The Nilgiris ..	10	3	..	..	50	77	80	102	..	18
Province ..	**293,550**	**270,278**	**572,900**	**585,424**	**69,220**	**(f) 64,462**	**4,774,960**	**5,568,149**	**2,051,510**	**1,763,960**

(a) Includes 282 acres under rape and mustard. (b) Includes 661 acres under linseed. (c) Includes 431 acres under linseed.
(d) Includes 794 acres under linseed. (e) Includes 818 acres under rape and mustard. (f) Includes 2,159 acres under linseed and 1,847 under rape and mustard.

Area sown with crops in 1938–39 as compared with the normal—*cont.*

NOTE.—(1) The area under cotton in Banganapalle and Pudukkottai was 21,026 acres and 484 acres respectively in 1938–39; normal being 20,600 acres and 720 acres respectively.

(2) The area under unirrigated cotton by varieties in the southern half of the Presidency in 1938–39 is given below :—

—	Chingleput.	South Arcot.	Chittoor.	North Arcot.	Salem.	Coimbatore.	Trichinopoly.	Tanjore.	Madura.	Ramnad.	Tinnevelly.	Malabar.	South Kanara.
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Cambodia ..	..	2,460	..	849	36,596	55,972	14,898	..	47,697	5,428	7,245	..	..
Uppam ..	12	4,919	92	..	829	(b)47,256	10,226	80	..	..	..	365	190
Nadam and Bourbon.	..	..	..	..	3,396	23,424	87	..	..	..	..	..	..
Tinnevellies (a)	..	..	..	..	..	..	..	..	62,307	192,146	242,949	..	

(a) Includes Uppam, Karunganni and mixed country cotton in Madura, Ramnad and Tinnevelly. (b) Includes 43,506 acres under unirrigated Karunganni.

(3) The area under cotton by varieties in the Madras Province including Banganapalle and Pudukkottai is given below :—

Particulars.	Tinnevellies including Karunganni.	Cambodia.	Uppam.	Nadam and Bourbon.	White and red Northerns.	Westerns.	Warangal and Cocanadas.	Chinnapatti or short staple cotton.	Total.
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Normal	700,000	390,450	36,620	35,010	214,040	774,310	145,340	10,220	2.305,990
1938–39	551,425	319,832	11,116	37,108	173,165	734,827	115,505	7,246	1,950,224

District.	Cotton, irrigated and unirrigated. Normal.	Cotton, irrigated and unirrigated. 1938–39.	Other fibres. Normal.	Other fibres. 1938–39.	Total fibres. Normal.	Total fibres. 1938–39.	Indigo. Normal.	Indigo. 1938–39.	Other dyes. Normal.	Other dyes. 1938–39.
	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam.	12,300	9,246	36,000	(a) 25,719	48,300	34,965	10	41	..	..
East Godavari.	7,900	10,049	20,900	(b) 20,470	28,800	30,519	240	103	..	33
West Godavari.	760	658	6,500	2,771	7,260	3,429	50	4	30	38
Kistna.	20,400	4,868	20,900	(c) 31,404	41,300	36,272	870	176	..	..
Guntur.	80,680	62,960	53,300	(d) 120,244	133,980	183,204	2,010	427	..	39
Kurnool.	233,440	193,475	1,690	2,161	235,130	195,636	3,590	1,554	..	..
Bellary.	557,370	524,510	600	5,440	557,970	529,950	10	..	610	282
Anantapur.	116,990	114,523	600	1,793	117,590	116,316	200	368	..	..
Cuddapah.	59,950	54,458	1,000	1,573	60,950	56,031	4,200	5,991	..	..
Nellore.	33,520	34,970	2,240	2,461	35,760	37,431	6,140	6,851	..	..
Chingleput.	10	35	880	1,318	890	1,353	1,580	1,489	10	79
South Arcot.	4,110	7,489	1,410	725	5,520	8,214	7,140	6,463	30	115
Chittoor.	50	148	70	132	120	280	3,570	1,042	..	..
North Arcot.	2,090	923	260	526	2,350	1,449	3,860	2,746	100	82
Salem.	76,200	60,439	1,140	743	77,340	61,182	950	598	150	79
Coimbatore.	333,000	222,475	1,590	9,148	334,590	231,623	..	..	..	..
Trichinopoly.	56,700	30,520	390	519	57,090	31,039	450	362	20	14
Tanjore.	240	86	290	697	530	783	50	2	80	99
Madura.	165,100	129,549	200	752	165,300	130,301	130	25	200	417
Ramnad.	229,900	210,372	30	7	229,930	210,379	60	163	..	40
Tinnevelly.	293,470	256,388	190	346	293,660	256,734	330	171	1,110	341
Malabar.	300	365	180	116	480	481	..	..	..	..
South Kanara.	190	190	490	557	680	747	..	..	..	..
The Nilgiris.	..	18	..	6	..	24	..	..	..	..
Province.	**2,284,670**	**1,928,714**	**150,850**	(e) **229,628**	**2,435,520**	**2,158,342**	**35,440**	**28,576**	**2,340**	**1,658**

(a) Includes 13,372 acres under jute and 11,405 acres under Bombay hemp.
(b) Includes 13,915 acres under sunn-hemp.
(c) Includes 26,244 acres under sunn-hemp, and 3,124 acres under Bombay hemp and 2,030 acres under jute.
(d) Includes 78,136 acres under sunn-hemp and 41,337 acres under Bombay hemp.
(e) Includes 17,650 acres under jute, 59,534 acres under Bombay hemp and 141,165 acres under sunn-hemp.

District.	Total dyes. Normal.	Total dyes. 1938–39.	Tobacco. Normal.	Tobacco. 1938–39.	Other drugs and narcotics. Normal.	Other drugs and narcotics. 1938–39.	Total drugs and narcotics. Normal.	Total drugs and narcotics. 1938–39.	Fodder crops. Normal.	Fodder crops. 1938-39.
	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)	(101)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam.	10	41	30,000	32,966	900	885	30,900	33,851	10	27
East Godavari.	240	136	15,700	(k) 19,419	360	241	16,060	19,660	20,500	16,504
West Godavari.	80	42	8,700	(l) 10,081	70	58	8,770	10,139	8,640	14,498
Kistna.	870	176	8,190	(m) 15,929	110	21	8,300	15,950	81,000	59,571
Guntur.	2,010	466	116,000	(n) 164,223	550	617	116,550	164,840	183,000	139,506
Kurnool.	3,590	1,554	8,900	11,285	3,940	3,194	12,840	14,479	670	2,865
Bellary.	620	282	1,880	2,165	660	683	2,540	2,848	400	246
Anantapur.	200	368	3,460	3,259	1,900	1,562	5,360	4,821	300	1,473
Cuddapah.	4,200	5,991	1,860	1,533	1,000	944	2,860	2,477	210	237
Nellore.	6,140	6,851	2,750	(o) 4,652	590	564	3,340	5,216	9,500	31,521
Chingleput.	1,590	1,568	20	11	1,660	1,346	1,680	1,357	..	160
South Arcot.	7,170	6,578	1,830	1,561	1,070	1,050	2,900	2,611	530	170
Chittoor.	3,570	1,042	480	500	1,780	1,642	2,260	2,142	30	257
North Arcot.	3,960	2,828	2,450	1,728	1,440	1,551	3,890	3,279	60	65
Salem.	1,100	677	4,380	5,692	14,420	(a) 13.812	18,800	19.504	3,520	3,950
Coimbatore.	..	..	29,600	26,776	33,840	(b) 31,663	63,440	58,439	450	938
Trichinopoly.	470	376	4,720	3,811	1,590	1,588	6,310	5.399	50	106
Tanjore.	130	101	1,710	1,894	2,540	(c) 2,525	4,250	4,419	210	16
Madura.	330	442	8,010	7,983	15,220	(d) 17,772	23,230	25,755	1,730	3,826
Ramnad.	60	203	1,740	2,017	6,010	(e) 2,323	7,750	4,340	51,100	49,008
Tinnevelly.	1,440	512	910	796	7,700	(f) 6,057	8,610	6,853	98,500	105,806
Malabar.	..	..	50	59	110,120	(g) 112,083	110,170	112,142	..	..
South Kanara.	..	..	1,760	1,766	19,520	(h) 19,818	21,280	21,584	890	1,100
The Nilgiris.	..	..	20	28	58,110	(i) 60,792	58,130	60,820	..	15
Province.	**37,780**	**30,234**	**255,120**	(p) **320,134**	**285,100**	(j) **282,791**	**540,220**	**602,925**	**461,300**	**431,865**

(a) Includes 10,470 acres under coffee and 2,094 acres under betel vines.
(b) Includes 24,802 acres under tea, 2,719 acres under coffee and 2,356 acres under betel vines.
(c) Includes 2,445 acres under betel vines.
(d) Includes 13,031 acres under coffee, and 2,701 acres under betel vines.
(e) Includes 1,010 acres under senna.
(f) Includes 3,989 acres under senna.
(g) Includes 8,139 acres under coffee, 12,367 acres under tea, 4,762 acres under betel vines and 86,592 acres under arecanuts.
(h) Includes 18,539 acres under arecanuts.
(i) Includes 19,742 acres under coffee, 39,560 acres under tea and 1,479 acres under cinchona.
(j) Includes 54,623 acres under coffee, 77,546 acres under tea, 1,648 acres under cinchona, 380 acres under Indian hemp, 30,758 acres under betel vines, 108,433 acres under arecanuts and 4,999 acres under se[illegible]
(k) Includes 200 acres under virginia
(l) Includes 672 acres under virginia.
(m) Includes 8,353 acres under virginia.
(n) Includes 95,355 acres under virginia.
(o) Includes 2,006 acres under virginia.
(p) Includes 106,586 acres under virginia.

Area sown with crops in 1938–39 as compared with the normal—*cont.*

District.	Miscellaneous non-food crops. Normal.	Miscellaneous non-food crops. 1938–39.	Total non-food crops. Normal.	Total non-food crops. 1938–39.	Grand total. Normal.	Grand total. 1938–39.	Area sown more than once. Normal.	Area sown more than once. 1938–39.	Net area cropped. Normal.	Net area cropped. 1938–39.
	(102)	(103)	(104)	(105)	(106)	(107)	(108)	(109)	(110)	(111)
	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.	ACS.
Vizagapatam	740	1,085	429,460	452,134	2,361,760	2,260,158	600,000	624,202	1,761,760	1,635,956
East Godavari.	410	562	204,500	220,212	1,332,960	1,393,0[illegible]8	302,000	307,365	1,030,960	1,085,643
West Godavari.	130	2[illegible]0	121,290	145,192	1,006,260	1,031,627	189,900	230,723	816,360	800,904
Kistna	190	143	244,[illegible]40	285,690	1,222,870	1,230,541	142,000	105,138	1,080,870	1,125,403
Guntur	760	11,094	7[illegible]9,370	843,624	2,400,800	2,376,689	294,000	307,473	2,106,800	2,069,216
Kurnool	140	1,173	660,520	658,124	2,157,460	2,137,980	84,100	59,890	2,073,360	2,078,090
Bellary	7,860	615	910,410	842,591	2,505,500	2,625,477	128,000	182,109	2,377,500	2,443,368
Anantapur	2,500	2,169	597,960	564,244	2,125,190	2,156,912	76,400	124,942	2,048,790	2,031,970
Cuddapah	2,580	2,597	266,900	270,524	1,129,550	1,144,759	88,800	75,906	1,040,750	1,068,853
Nellore	4,530	1,878	117,160	171,827	1,522,350	1,424,875	191,000	140,934	1,331,350	1,283,941
Chingleput	28,100	3,655	98,350	100,930	966,070	872,221	191,000	124,307	775,070	747,914
South Arcot	5,690	22,602	409,290	519,652	1,517,960	1,541,890	238,000	219,352	1,279,960	1,322,538
Chittoor	3,170	4,392	131,880	203,471	844,550	911,785	107,000	91,528	737,550	820,257
North Arcot	18,600	(a) 18,346	385,230	460,335	1,449,370	1,378,859	294,000	215,990	1,155,370	1,162,869
Salem	1,770	1,025	289,800	345,130	1,790,590	1,815,554	220,000	249,089	1,570,590	1,566,465
Coimbatore	7,140	365	624,410	547,944	2,211,220	1,962,423	306,000	264,110	1,905,220	1,698,313
Trichinopoly	1,580	2,303	239,160	276,900	1,478,610	1,506,257	153,000	161,889	1,325,610	1,344,368
Tanjore	9,110	4,087	134,690	140,886	1,464,760	1,516,658	172,000	194,498	1,292,760	1,322,160
Madura	3,730	(b) 2,608	321,380	354,361	1,344,970	1,353,582	169,000	167,267	1,175,970	1,186,315
Ramnad	7,080	3,800	376,300	369.911	1,350,850	1,288,951	53,300	51,489	1,297,550	1,237,462
Tinnevelly	8,530	9,[illegible]28	483,470	496,989	1,392,490	1,375,396	205,000	195,607	1,187,490	1,179,789
Malabar	31,500	(c) 31,412	498,120	510,433	1,768,850	1,784,223	284,000	278,051	1,484,850	1,506,172
South Kanara	270	282	73,290	75,401	751,570	767,945	193,000	199,105	558,570	568,840
The Nilgiris	2,630	(d) 4,482	60,840	65,443	94,540	103,306	5,710	6,775	88,830	96,531
Province	**148,740**	**(e) 130,433**	**8,398,520**	**8,921,948**	**36,191,100**	**35,961,076**	**4,687,210**	**4,577,739**	**31,503,890**	**31,383,337**

(a) Includes 10,924 acres for which cropwar details are not available.
(b) Includes 366 acres under rubber and 980 acres under flowers.
(c) Includes 12,737 acres under rubber.
(d) Includes 895 acres under rubber.
(e) Includes 14,002 acres under rubber and 5,949 acres under flowers.

APPENDIX VII.

Percentage of area under main crops in 1938–39 to the total area sown.

District.	Paddy.	Cholam.	Cumbu.	Ragi.	Korra.	Cereals.	Pulses other than Horsegram.	Food crops.	Groundnut.	Gingelly.	Castor.	Coconut.	Cotton.	Indigo.	Tobacco.	Non-food crops.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Vizagapatam	33	3	9	11	1	60	10	80	10	7	..	..	..	..	1	20	Vizagapatam.
East Godavari	50	7	4	2	..	64	..	84	..	6	..	4	1	..	1	16	East Godavari.
West Godavari	69	5	1	..	..	75	..	86	3	7	..	..	..	..	1	14	West Godavari.
Kistna	47	18	2	..	..	68	..	77	13	1	..	..	..	..	1	23	Kistna.
Guntur	17	18	8	1	3	57	..	65	13	..	1	..	3	..	7	35	Guntur.
Kurnool	4	28	3	1	22	63	..	69	19	..	1	..	9	..	1	31	Kurnool.
Bellary	1	27	5	1	25	60	..	68	9	..	1	..	20	..	..	32	Bellary.
Anantapur	8	14	8	4	18	54	..	74	15	..	3	..	5	..	..	26	Anantapur.
Cuddapah	10	27	11	4	11	68	..	76	16	..	..	..	5	..	..	24	Cuddapah.
Nellore	25	28	7	5	2	78	..	88	2	..	3	..	2	..	..	12	Nellore.
Chingleput	68	1	1	11	..	84	..	88	8	2	..	..	..	..	..	12	Chingleput.
South Arcot	35	6	7	5	..	63	..	66	28	3	..	..	..	..	..	34	South Arcot.
Chittoor	22	5	17	18	..	66	..	78	19	..	..	..	..	..	..	22	Chittoor.
North Arcot	34	5	6	8	..	59	..	67	29	1	..	..	..	..	..	33	North Arcot.
Salem	9	14	17	15	..	68	..	81	9	4	1	..	3	..	..	19	Salem.
Coimbatore	5	26	18	7	1	60	..	72	10	2	..	..	11	..	1	28	Coimbatore.
Trichinopoly	22	18	18	3	1	73	..	82	9	6	..	..	2	..	..	18	Trichinopoly.
Tanjore	79	1	1	1	..	84	..	91	4	..	..	2	..	..	..	9	Tanjore.
Madura	22	24	2	4	..	64	..	74	10	..	..	..	10	..	..	26	Madura.
Ramnad	26	6	12	7	1	65	..	71	5	3	..	..	16	..	..	29	Ramnad.
Tinnevelly	21	6	13	2	..	48	..	64	..	7	..	..	19	..	..	36	Tinnevelly.
Malabar	48	..	..	1	..	50	..	71	..	..	..	20	..	..	..	29	Malabar.
South Kanara	77	..	..	1	..	78	..	90	..	..	..	6	..	..	..	10	South Kanara.
The Nilgiris	6	..	..	3	..	19	..	37	..	..	..	..	..	..	..	63	The Nilgiris.
Province	**27·4**	**13·7**	**7·6**	**4·6**	**5·0**	**64·0**	**3·4**	**75·2**	**10·5**	**2·4**	**0·8**	**1·6**	**5·4**	**0·1**	**0·9**	**24·8**	Province.

Note.—Blanks in the statement mean that the area under the crop is relatively small in the district.

APPENDIX VIII.

Normal yield per acre and the yield per acre attained in 1938–39.

[NOTE.—The normal yields for crops noted in this statement were those fixed in 1919.]

District.	Paddy. Irrigated. Normal.	Paddy. Irrigated. 1938–39.	Paddy. Unirrigated. Normal.	Paddy. Unirrigated. 1938–39.	Cholam. Irrigated. Normal.	Cholam. Irrigated. 1938–39.	Cholam. Unirrigated. Normal.	Cholam. Unirrigated. 1938–39.	Cumbu. Irrigated. Normal.	Cumbu. Irrigated. 1938–39.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	
Vizagapatam ..	1,400	1,260	800	720	1,300	1,066	700	574	1,200	1,056	Vizagapatam.
East Godavari ..	2,000	1,880	900	846	1,300	1,170	700	630	1,200	1,248	East Godavari.
West Godavari ..	2,000	1,540	1,000	770	1,300	962	700	518	1,200	936	West Godavari.
Kistna	1,800	1,278	1,000	710	1,300	1,079	700	581	1,200	1,176	Kistna.
Guntur	1,800	1,800	1,100	1,100	1,300	1,300	630	630	1,200	1,188	Guntur.
Kurnool	1,600	1,616	1,000	1,010	1,400	1,456	630	655	1,200	1,368	Kurnool.
Bellary	1,700	1,700	900	900	1,500	1,755	450	527	1,300	1,508	Bellary.
Anantapur	1,700	1,632	800	768	1,400	1,372	450	441	1,200	1,200	Anantapur.
Cuddapah	1,800	1,674	900	837	1,500	1,170	630	491	1,300	1,378	Cuddapah.
Nellore	1,550	1,178	1,100	836	1,300	1,105	600	510	1,300	1,157	Nellore.
Chingleput	1,550	729	1,100	517	1,400	1,176	600	504	1,000	860	Chingleput.
South Arcot ..	1,850	1,184	1,100	704	1,500	1,185	600	474	1,000	800	South Arcot.
Chittoor	1,900	1,558	1,000	820	1,500	1,110	600	444	1,000	990	Chittoor.
North Arcot ..	1,900	1,558	1,100	902	1,500	1,095	600	438	1,200	984	North Arcot.
Salem	1,900	1,900	800	800	1,500	1,185	600	474	1,300	1,092	Salem.
Coimbatore	1,900	1,653	800	696	1,500	945	600	378	1,200	648	Coimbatore.
Trichinopoly ..	1,900	1,653	1,000	870	1,500	1,125	500	375	1,200	672	Trichinopoly.
Tanjore	1,750	1,610	1,100	1,012	1,300	1,118	500	430	1,200	1,164	Tanjore.
Madura	1,950	1,794	900	828	1,400	1,106	600	474	1,000	750	Madura.
Ramnad	1,800	1,440	1,100	880	1,400	910	400	260	1,000	910	Ramnad.
Tinnevelly	2,000	1,720	1,000	860	1,500	1,155	350	270	1,000	1,020	Tinnevelly.
Malabar	..	..	1,400	1,120	..	..	700	630	..	..	Malabar.
South Kanara ..	..	..	1,500	1,485	..	..	..	..	..	..	South Kanara.
The Nilgiris	..	..	1,800	1,818	..	..	500	520	..	..	The Nilgiris.
Province ..	**1,784**	**1,504**	**1,291**	**1,035**	**1,464**	**1,091**	**579**	**516**	**1,211**	**998**	Province.

District.	Cumbu—Unirrigated. Normal.	Cumbu—Unirrigated. 1938–39.	Ragi. Irrigated. Normal.	Ragi. Irrigated. 1938–39.	Ragi. Unirrigated. Normal.	Ragi. Unirrigated. 1938–39.	Korra. Normal.	Korra. 1938–39.	Varagu. Normal.	Varagu. 1938–39.	District.
	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	
	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	
Vizagapatam ..	700	616	1,200	1,140	700	665	600	540	700	679	Vizagapatam.
East Godavari ..	630	655	1,200	1,068	800	712	700	644	800	664	East Godavari.
West Godavari ..	630	491	1,300	949	800	584	700	469	800	672	West Godavari.
Kistna	630	617	1,600	1,296	800	648	700	665	800	704	Kistna.
Guntur	630	624	1,900	1,805	800	760	600	714	700	560	Guntur.
Kurnool	550	627	1,600	1,584	650	644	350	399	500	470	Kurnool.
Bellary	450	522	1,000	1,120	450	504	350	420	500	585	Bellary.
Anantapur	400	400	1,550	1,411	600	546	350	406	500	360	Anantapur.
Cuddapah	700	742	1,650	1,518	600	552	400	336	600	414	Cuddapah.
Nellore	700	623	1,650	1,419	600	516	700	406	600	306	Nellore.
Chingleput	650	559	1,100	924	600	504	800	552	800	352	Chingleput.
South Arcot ..	700	560	1,500	1,335	800	712	1,000	850	1,300	780	South Arcot.
Chittoor	650	644	1,800	1,476	700	574	600	546	700	378	Chittoor.
North Arcot.. ..	650	533	1,550	1,302	800	672	900	675	1,000	470	North Arcot.
Salem	600	504	1,500	1,155	750	578	700	553	600	294	Salem.
Coimbatore	400	216	1,700	1,173	800	552	700	462	600	372	Coimbatore.
Trichinopoly ..	500	280	1,400	1,106	650	514	700	581	1,000	730	Trichinopoly.
Tanjore	700	679	1,100	891	500	405	700	672	1'000	650	Tanjore.
Madura	450	338	1,400	1,218	650	566	600	552	900	675	Madura.
Ramnad	400	364	1,500	1,320	400	352	600	510	900	819	Ramnad.
Tinnevelly	450	459	1,600	1,360	500	425	500	425	900	639	Tinnevelly.
Malabar	..	..	..	..	1,500	1,035	600	600	700	721	Malabar.
South Kanara ..	..	..	..	..	1,000	960	..	..	..	..	South Kanara.
The Nilgiris	..	..	..	..	1,000	1,000	700	700	700	700	The Nilgiris.
Province ..	**578**	**472**	**1,487**	**1,287**	**719**	**590**	**389**	**421**	**871**	**573**	Province.

District.	Samai. Normal.	Samai. 1938–39.	Maize. Normal.	Maize. 1938–39.	Bengal-gram. 1938–39.	Horse-gram. 1938–39.	Sugarcane. Normal.	Sugarcane. 1938–39.	Ground-nut. 1938–39.	District.
	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	
Vizagapatam ..	500	430	1,000	970	465	186	6,500	6,240	1,131	Vizagapatam.
East Godavari ..	600	618	1,000	970	460	168	7,500	7,575	1,176	East Godavari.
West Godavari ..	600	402	1,000	880	365	142	7,500	6,225	930	West Godavari.
Kistna	600	186	1,100	979	480	186	7,500	8,625	1,254	Kistna.
Guntur	500	295	1,100	957	335	144	7,500	7,275	1,154	Guntur.
Kurnool	400	324	1,000	790	495	166	4,500	4,095	1,131	Kurnool.
Bellary	400	436	1,000	1,000	600	230	6,000	6,420	1,254	Bellary.
Anantapur	400	348	1,000	1,200	580	160	4,300	4,085	963	Anantapur.
Cuddapah	400	180	1,000	870	425	110	6,000	5,760	806	Cuddapah.
Nellore	400	252	1,000	1,000	365	134	6,000	5,940	997	Nellore.
Chingleput	500	345	1,000	820	190	94	6,000	4,740	885	Chingleput.
South Arcot ..	500	300	1,000	610	310	130	6,500	6,370	795	South Arcot.
Chittoor	500	410	1,000	640	295	124	7,300	6,424	750	Chittoor.
North Arcot ..	500	375	1,000	680	375	139	6,000	6,000	706	North Arcot.
Salem	400	308	1,000	870	470	138	6,000	7,140	963	Salem.
Coimbatore	400	244	1,000	830	235	82	7,500	6,225	862	Coimbatore.
Trichinopoly ..	500	275	1,000	840	455	156	5,000	4,800	862	Trichinopoly.
Tanjore	500	565	1,000	920	625	166	6,000	5,460	829	Tanjore.
Madura	500	335	1,000	690	565	152	6,000	5,940	806	Madura.
Ramnad	500	395	1,000	1,110	410	152	4,500	4,050	1,053	Ramnad.
Tinnevelly	400	280	1,000	1,160	325	148	4,500	4,095	1,008	Tinnevelly.
Malabar	400	316	1,000	..	375	126	6,000	3,840	773	Malabar.
South Kanara ..	500	430	1,000	..	..	194	5,400	5,130	1,344	South Kanara.
The Nilgiris	600	624	1,000	1,000	..	206	6,000	..	..	The Nilgiris.
Province ..	**438**	**331**	**1,077**	**946**	**473**	**154**	**6,462**	**6,243**	**958**	Province.

Normal yield per acre and the yield per acre attained in 1938–39—*cont.*

District.	Gingelly. Normal.	Gingelly. 1938–39.	Castor. Normal.	Castor. 1938–39.	Cotton. Irrigated. Normal.	Cotton. Irrigated. 1938–39.	Cotton. Unirrigated. Normal.	Cotton. Unirrigated. 1938–39.	Indigo. 1938–39.	Tobacco (dry leaf) (*d*). Normal.	Tobacco (dry leaf) (*d*). 1938–39.	District.
	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	
	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	LB.	
Vizagapatam	336	306	250	203	..	..	54	55	15	1,000	1,010	Vizagapatam.
East Godavari ..	336	299	250	225	..	..	75	56	14	(*b*) 1,300	818	East Godavari.
West Godavari ..	336	269	250	173	..	..	75	49	23	(*b*) 1,300	827	West Godavari.
Kistna	336	292	250	208	..	..	75	57	15	(*b*) 1,300	678	Kistna.
Guntur	280	238	250	210	..	..	75	59	9	(*b*) 1,300	783	Guntur.
Kurnool	224	253	150	131	..	..	50	52	20	1,000	1,000	Kurnool.
Bellary	224	237	150	159	..	..	50	60	..	(*c*) 1,000	1,040	Bellary.
Anantapur	224	251	150	128	..	..	50	58	17	(*c*) 1,000	960	Anantapur.
Cuddapah	224	177	150	126	..	..	50	48	18	(*c*) 1,000	940	Cuddapah.
Nellore	280	224	250	205	..	..	75	62	10	(*b*) 1,300	978	Nellore.
Chingleput	280	204	250	98	250	233	50	47	12	1,000	410	Chingleput.
South Arcot ..	280	218	250	230	250	248	(*a*) 61	52	19	1,000	820	South Arcot.
Chittoor	280	204	250	193	250	223	65	36	24	1,000	850	Chittoor.
North Arcot ..	280	199	250	180	250	235	50	39	10	1,000	860	North Arcot.
Salem	280	196	400	312	250	258	(*a*) 78	65	17	(*b*) 1,200	1,188	Salem.
Coimbatore	280	297	400	228	238	174	(*a*) 72	36	..	1,200	888	Coimbatore.
Trichinopoly ..	336	138	400	284	250	200	(*a*) 74	43	27	(*b*) 1,200	912	Trichinopoly.
Tanjore	336	286	400	320	250	..	65	49	34	1,200	1,164	Tanjore.
Madura	280	221	400	308	250	248	(*a*) 102	72	12	1,200	1,080	Madura.
Ramnad	280	230	400	392	250	210	(*a*) 103	93	21	1,200	1,188	Ramnad.
Tinnevelly	280	182	400	336	250	195	(*a*) 103	97	22	1,200	1,152	Tinnevelly.
Malabar	224	132	400	396	..	..	65	61	..	1,200	996	Malabar.
South Kanara ..	280	291	400	412	..	..	65	25	..	1,200	1,212	South Kanara.
The Nilgiris	..	..	..	..	..	..	..	..	..	1,200	1,236	The Nilgiris.
Province ..	**305**	**240**	**226**	**186**	**233**	**197**	**72**	**66**	**15**	**1,220**	**836**	Province.

(*a*) Figures of normal yield of lint per acre for each variety of cotton in the southern half of the Presidency are :—Irrigated Cambodia 250 lb., irrigated Karunganni in Coimbatore 150 lb., dry Cambodia 80 lb. in Salem, Coimbatore and Trichinopoly, 100 lb. in Madura, Ramnad and Tinnevelly and 50 lb. elsewhere ; Uppam, 65 lb., dry Karunganni in Coimbatore, 85 lb., Nadam and Bourbon, 20 lb. and Tinnevellies, 103 lb.

(*b*) The normal yield per acre of Virginia type (flue cured) is 750 lb.

(*c*) The figures given here relate to rainfed tobacco. The normal yield per acre of irrigated tobacco is 950 lb. in Bellary, 1,050 lb. in Anantapur, 2,000 lb. in Cuddapah, 1,000 lb. in Salem and 1,250 lb. in Trichinopoly.

(*d*) The figures of normal yield per acre shown in this column are these reported by the Director of Agriculture based on recent enquiries made during the marketing surveys.

NOTE.—(1) The normal yield per acre for the Province is 1,672 lb. for paddy, 659 lb. for cholam, 650 lb. for cumbu, 1124 lb. for ragi and 88 lb. for cotton.
(2) The normal yield per acre is 500 lb. for bengalgram, 200 lb. for horsegram, 1,120 lb. for groundnut and 28 lb. for indigo.
(3) The yield per acre for the province in 1938–39 is 1,392 lb. for paddy, 577 lb. for cholam, 530 lb. for cumbu, 956 lb. for ragi and 77 lb. for cotton.

APPENDIX IX.

Seasonal factor and the total produce of the principal crops in 1938–39 as compared with the normal.

[NOTE.—" S.F. " means seasonal factor or condition figure showing the effect of the season on the acre yield of crops in 1938–39 in parts of 100 (100 denotes a normal or average crop).]

District.	Paddy (*a*). Normal.	Paddy (*a*). S.F.	Paddy (*a*). 1938–39.	Cholam (*a*). Normal.	Cholam (*a*). S.F.	Cholam (*a*). 1938–39.	Cumbu (*a*). Normal.	Cumbu (*a*). S.F.	Cumbu (*a*). 1938–39.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
	TONS.		TONS.	TONS.		TONS.	TONS.		TONS.	
Vizagapatam ..	517,100	90	403,700	24,200	82	18,100	62,770	88	55,880	Vizagapatam.
East Godavari ..	555,100	94	556,700	30,960	90	26,820	13,900	104	15,560	East Godavari.
West Godavari ..	587,300	77	472,900	19,930	74	12,050	3,320	78	2,230	West Godavari.
Kistna	450,460	71	328,510	66,300	83	55,9 0	7,590	98	5,610	Kistna.
Guntur	299,700	100	314,200	119,500	100	118,210	52,210	99	50,690	Guntur.
Kurnool	47,790	101	52,310	157,940	104	171,2 0	19,620	114	22,870	Kurnool.
Bellary	26,480	100	24,410	130,080	117	166,690	23,180	116	31,670	Bellary.
Anantapur	82,360	96	127,420	65,700	98	66, 00	30,970	100	31,150	Anantapur.
Cuddapah	87,180	93	87,410	90,460	78	70,960	47,500	106	48,100	Cuddapah.
Nellore	298,300	76	183,900	116,470	85	111,900	53,960	89	46,140	Nellore.
Chingleput	449,300	47	174,100	2,250	84	1,700	5,080	86	3,270	Chingleput.
South Arcot ..	453,600	64	259,500	24,110	79	21,370	32,570	80	27,690	South Arcot.
Chittoor	157,910	82	134,920	18,400	74	14,190	49,550	99	48,200	Chittoor.
North Arcot ..	430,700	82	310,800	21,940	73	19,480	33,890	82	21,590	North Arcot.
Salem	139,050	100	142,790	70,500	79	63,900	95,500	84	76,800	Salem.
Coimbatore ..	96,510	87	68,730	179,300	63	114,900	79,900	54	43,300	Coimbatore.
Trichinopoly ..	245,400	87	224,100	68,800	75	57, 00	69,500	56	39,250	Trichinopoly.
Tanjore	859,600	92	844,500	6,280	86	4,340	2,390	97	2,500	Tanjore.
Madura	295,230	92	231,970	89,600	79	93,900	45,140	75	5,900	Madura.
Ramnad	298,200	80	129,340	20,900	65	17,150	26,550	91	27,880	Ramnad.
Tinnevelly	294,810	86	222,780	40,030	77	34,920	31,930	102	37,090	Tinnevelly.
Malabar	546,000	80	430,000	90	90	110	..	..	..	Malabar.
South Kanara ..	390,000	99	390,000	..	..	..	..	..	..	South Kanara.
The Nilgiris ..	4,510	101	4,750	30	104	30	..	..	..	The Nilgiris.
Province ..	**7,612,490**	**83**	**6,119,740**	**1,363,770**	**88**	**1,265,300**	**787,020**	**82**	**643,370**	Province.

(*a*) The figures of yield relate to unhusked cereals and pulses. The percentage of loss of weight in husking is 33 per cent for paddy, 15 per cent for cholam, 20 per cent for cumbu and korra, 10 per cent for ragi, 45 per cent for samai, 40 per cent for varagu and maize and 20 per cent for pulses.

Seasonal factor and the total produce of the principal crops in 1938–39 as compared with the normal—*cont.*

District.	Ragi (a).			Korra (a).			Varagu (a).			District.
	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	
	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
	TONS.		TONS.	TONS.		TONS.	TONS.		TONS.	
Vizagapatam ..	116,300	95	95,400	5,630	90	2,850	1,880	97	3,130	Vizagapatam.
East Godavari ..	9,490	89	8,000	1,420	92	1,190	1,380	83	610	East Godavari.
West Godavari ..	2,160	73	1,240	260	67	150	580	84	250	West Godavari.
Kistna ..	2,950	81	1,260	460	95	200	2,660	88	1,240	Kistna.
Guntur ..	9,340	95	9,370	18,700	119	19,000	1,810	80	330	Guntur.
Kurnool ..	14,450	99	13,930	73,900	114	85,600	21,500	94	20,000	Kurnool.
Bellary ..	6,560	112	8,160	85,000	120	122,000	430	117	410	Bellary.
Anantapur ..	56,320	91	53,640	53,100	116	68,600	9,890	72	4,860	Anantapur.
Cuddapah ..	44,780	92	33,220	19,100	84	18,700	8,360	69	6,790	Cuddapah.
Nellore ..	55,750	86	44,860	10,800	58	4,610	26,800	51	16,800	Nellore.
Chingleput ..	36,860	84	33,920	350	69	100	11,000	44	4,730	Chingleput.
South Arcot ..	51,140	89	41,410	3,440	85	2,630	99,800	60	51,700	South Arcot.
Chittoor ..	81,300	82	69,500	850	91	590	7,530	54	2,900	Chittoor.
North Arcot ..	63,000	84	55,730	490	75	270	41,400	47	11,600	North Arcot.
Salem ..	96,300	77	77,200	3,530	79	3,280	17,900	49	9,510	Salem.
Coimbatore ..	100,900	69	48,100	8,130	66	3,240	1,740	62	730	Coimbatore.
Trichinopoly ..	31,360	79	17,730	220	83	210	72,300	73	51,300	Trichinopoly.
Tanjore ..	7,130	81	4,200	20	96	20	20,400	65	10,300	Tanjore.
Madura ..	31,640	87	23,390	2,300	92	1,900	25,900	75	21,700	Madura.
Ramnad ..	37,400	88	34,970	80	85	30	39,100	91	34,800	Ramnad.
Tinnevelly ..	17,600	85	15,280	50	85	40	5,790	71	2,320	Tinnevelly.
Malabar ..	7,630	69	4,970	250	100	260	20	103	30	Malabar.
South Kanara ..	2,970	96	2,670	..	..	..	..	..	..	South Kanara.
The Nilgiris ..	1,140	100	1,290	110	100	50	..	100	180	The Nilgiris.
Province ..	**884,470**	**85**	**699,440**	**288,190**	**108**	**335,520**	**418,170**	**66**	**256,220**	Province.

District.	Samai (a).			Maize (a).			Bengalgram (a).			District.
	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	
	TONS.		TONS.	TONS.		TONS.	TONS.		TONS.	
Vizagapatam ..	4,460	86	5,310	1,120	97	4,810	1,000	93	390	Vizagapatam.
East Godavari ..	2,610	103	2,530	1,850	97	1,930	1,550	92	920	East Godavari.
West Godavari ..	350	67	160	700	88	540	1,170	73	500	West Godavari.
Kistna ..	..	31	..	7,370	89	5,180	1,630	96	680	Kistna.
Guntur ..	50	59	120	17,200	87	12,240	3,840	67	810	Guntur.
Kurnool ..	170	81	50	50	79	30	3,820	99	1,730	Kurnool.
Bellary ..	2,420	109	3,290	60	100	30	3,330	120	2,280	Bellary.
Anantapur ..	18,800	87	13,200	60	120	30	1,250	116	1,680	Anantapur.
Cuddapah ..	920	45	350	40	87	10	550	85	330	Cuddapah.
Nellore ..	570	63	190	20	100	130	210	73	220	Nellore.
Chingleput ..	20	69	20	20	82	10	40	38	10	Chingleput.
South Arcot ..	510	60	200	40	61	290	70	62	10	South Arcot.
Chittoor ..	3,460	82	2,560	10	64	20	10	59	10	Chittoor.
North Arcot ..	7,900	75	4,470	800	68	220	80	75	70	North Arcot.
Salem ..	21,300	77	19,500	540	87	390	250	94	150	Salem.
Coimbatore ..	14,500	61	7,340	220	83	50	1,150	47	130	Coimbatore.
Trichinopoly ..	5,340	55	2,610	750	84	670	80	91	60	Trichinopoly.
Tanjore ..	60	113	30	170	92	190	10	125	30	Tanjore.
Madura ..	17,700	67	9,610	70	69	280	80	113	160	Madura.
Ramnad ..	2,680	79	1,820	330	111	50	90	82	190	Ramnad.
Tinnevelly ..	8,290	70	4,620	150	116	10	250	65	100	Tinnevelly.
Malabar ..	2,200	79	1,720	..	..	..	110	75	260	Malabar.
South Kanara ..	40	86	40	..	..	..	..	..	..	South Kanara.
The Nilgiris ..	980	104	1,350	10	100	10	..	..	..	The Nilgiris.
Province ..	**115,330**	**76**	**81,090**	**31,580**	**88**	**27,120**	**20,570**	**95**	**10,720**	Province.

District.	Horsegram (a).			Sugarcane (jaggery or gur).			Groundnut (b).			District.
	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	Normal.	S.F.	1938–39.	
	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	
	TONS.		TONS.	TONS.		TONS.	TONS.		TONS.	
Vizagapatam ..	10,700	93	11,500	95,800	96	80,300	87,500	101	111,000	Vizagapatam.
East Godavari ..	6,530	84	5,920	27,600	101	22,500	130	105	2,150	East Godavari.
West Godavari ..	4,310	71	2,800	5,290	83	4,930	2,560	83	13,300	West Godavari.
Kistna ..	3,400	93	1,800	5,530	115	10,200	48,700	112	91,100	Kistna.
Guntur ..	3,720	72	1,290	4,690	97	960	125,000	103	161,000	Guntur.
Kurnool ..	7,280	83	3,000	940	91	690	185,000	101	207,000	Kurnool.
Bellary ..	8,490	115	8,870	22,800	107	19,900	145,000	112	139,000	Bellary.
Anantapur ..	27,900	80	16,500	4,970	95	2,950	174,000	86	137,000	Anantapur.
Cuddapah ..	4,270	55	1,800	1,070	96	450	88,500	72	66,600	Cuddapah.
Nellore ..	10,600	67	4,850	130	99	90	6,400	89	14,400	Nellore.
Chingleput ..	690	47	150	990	79	440	19,000	79	28,100	Chingleput.
South Arcot ..	640	65	70	33,400	98	27,600	167,000	71	151,000	South Arcot.
Chittoor ..	3,780	62	2,330	32,900	88	19,500	49,700	67	58,500	Chittoor.
North Arcot ..	4,830	68	1,360	18,600	100	15,400	153,000	63	127,000	North Arcot.
Salem ..	20,900	69	8,060	17,900	119	15,600	53,500	86	69,300	Salem.
Coimbatore ..	17,800	41	3,640	29,100	83	20,700	82,000	77	72,900	Coimbatore.
Trichinopoly ..	3,440	78	850	13,300	96	14,600	49,300	77	51,400	Trichinopoly.
Tanjore ..	80	83	40	1,980	91	2,000	28,300	74	23,400	Tanjore.
Madura ..	6,550	76	2,780	6,110	99	4,470	46,500	72	50,500	Madura.
Ramnad ..	1,360	76	860	640	90	570	23,800	94	28,000	Ramnad.
Tinnevelly ..	5,580	74	2,920	540	91	380	4,790	90	8,630	Tinnevelly.
Malabar ..	300	63	190	80	64	100	590	69	1,700	Malabar.
South Kanara ..	2,100	97	2,010	9,110	95	9,530	10	120	20	South Kanara.
The Nilgiris ..	..	..	..	..	..	..	..	..	..	The Nilgiris.
Province ..	**155,250**	**77**	**83,590**	**333,470**	**97**	**273,860**	**1,540,280**	**86**	**1,613,000**	Province.

(a) The figures of yield relate to unhusked cereals and pulses. The percentage of loss of weight in husking is 33 per cent for paddy, 15 per cent for cholam, 20 per cent for cumbu and korra, 10 per cent for ragi, 45 per cent for samai, 40 per cent for varagu and maize and 20 per cent for pulses.

(b) The yield is of unshelled nuts. Estimated loss of weight in shelling is 25 per cent.

Seasonal factor and the total produce of the principal crops in 1938-39 as compared with the normal—*cont.*

District.	Gingelly. Normal. (38) TONS.	Gingelly. S.F. (39)	Gingelly. 1938-39. (40) TONS.	Castor. Normal. (41) TONS.	Castor. S.F. (42)	Castor. 1938-39. (43) TONS.	Indigo (a). Normal. (44) CWT.	Indigo (a). S.F. (45)	Indigo (a). 1938-39. (46) CWT.	District.
Vizagapatam ..	24,300	91	20,400	110	81	100	..	52	10	Vizagapatam.
East Godavari ..	11,700	89	11,800	830	90	680	60	49	10	East Godavari.
West Godavari ..	11,200	80	8,560	780	69	300	10	81	..	West Godavari.
Kistna	1,130	87	900	800	83	280	220	53	20	Kistna.
Guntur	160	85	220	3,580	84	2,670	500	31	30	Guntur.
Kurnool	240	113	230	2,200	87	1,620	900	72	280	Kurnool.
Bellary	1,510	103	1,560	1,250	106	1,270	..	..	..	Bellary.
Anantapur	3,240	112	4,330	5,140	85	3,900	50	61	60	Anantapur.
Cuddapah	500	79	510	720	84	620	1,050	64	960	Cuddapah.
Nellore	470	80	910	4,570	82	4,220	1,540	34	580	Nellore.
Chingleput.. ..	2,580	73	1,330	..	39	..	400	42	160	Chingleput.
South Arcot	5,900	78	4,670	120	92	370	1,790	69	1,120	South Arcot.
Chittoor	800	73	520	810	77	410	890	85	220	Chittoor.
North Arcot ..	3,980	71	1,150	610	72	430	970	37	250	North Arcot.
Salem	6,210	70	5,770	3,500	78	2,870	240	62	90	Salem.
Coimbatore ..	4,230	106	6,310	1,800	57	720	..	..	..	Coimbatore.
Trichinopoly ..	8,960	41	5,370	1,340	71	1,170	110	95	90	Trichinopoly.
Tanjore	3,150	85	3,140	70	80	50	10	120	..	Tanjore.
Madura	2,240	79	4,010	870	77	320	30	44	..	Madura.
Ramnad	3,300	82	3,410	210	98	120	20	74	30	Ramnad.
Tinnevelly	7,100	65	7,450	170	84	170	80	79	30	Tinnevelly.
Malabar	790	59	620	70	99	80	..	..	..	Malabar.
South Kanara ..	330	104	310	40	103	40	..	..	..	South Kanara.
The Nilgiris ..	..	..	..	..	111	..	..	..	..	The Nilgiris.
Province ..	**104,020**	79	**93,760**	**29,590**	82	**22,410**	**8,870**	54	**3,940**	Province.

(a) The yield is in cwt. *and not in tons.* The figures represent the yield if the whole crops were manufactured into dye. But there is no information about the quantity actually manufactured into dye or used as green manure on wet lands, a practice which is on the increase.

District.	Tobacco (farm-cured leaf) (b). Normal. (47) TONS.	Tobacco S.F. (48)	Tobacco 1938-39. (49) TONS.	Cotton, irrigated (c). Normal. (50) BALES.	Cotton, irrigated S.F. (51)	Cotton, irrigated 1938-39. (52) BALES.
Vizagapatam ..	13,400	101	14,900			
East Godavari ..	7,010	.. (d)	7,020			
West Godavari ..	3,880	.. (d)	3,720			
Kistna	3,210	.. (d)	4,820			
Guntur	45,100	.. (d)	57,400			
Kurnool	2,580	100	3,280	(e) ..	..	..
Bellary	600	104	650			
Anantapur	1,620	96	980			
Cuddapah	1,650	94	390			
Nellore	1,840	.. (d)	2,030			
Chingleput	10	41	..	..	93	10
South Arcot ..	820	82	570	200	99	70
Chittoor	240	85	210	10	89	30
North Arcot ..	1,530	86	930	180	94	40
Salem	1,710	99	1,510	(h) 16,300	103	12,600
Coimbatore ..	19,800	74	13,300	(f) 76,710	(i) 71	(g) 41,610
Trichinopoly ..	2,630	76	840	(h) 9,750	80	2,650
Tanjore	760	97	820	..	..	..
Madura	4,110	90	3,690	(h) 17,000	99	10,100
Ramnad	850	99	980	(h) 10,600	84	4,880
Tinnevelly	450	96	380	(h) 5,290	78	2,650
Malabar	30	83	30	..	..	..
South Kanara ..	940	101	960	..	..	..
The Nilgiris ..	10	103	20	..	..	..
Province ..	**114,780**	69	**119,430**	**136,040**	85	**74,640**

District.	Cotton, unirrigated (c). Normal. (53) BALES.	Cotton, unirrigated S.F. (54)	Cotton, unirrigated 1938-39. (55) BALES.	Total, cotton. Normal. (56) BALES.	Total, cotton. 1938-39. (57) BALES.
Vizagapatam.	1,670	101	1,300	1,670	1,300
East Godavari.	1,480	75	1,410	1,480	1,410
West Godavari.	140	65	80	140	80
Kistna.	3,830	76	690	3,830	690
Guntur.	15,100	79	9,830	15,100	9,830
Kurnool.	29,200	103	24,920	29,200	24,920
Bellary.	69,700	119	78,000	69,700	78,000
Anantapur.	14,600	115	16,500	14,600	16,500
Cuddapah.	7,490	96	6,540	7,490	6,540
Nellore.	6,290	83	5,440	6,290	5,440
Chingleput.	..	93	..	..	10
South Arcot.	580	85	940	780	1,010
Chittoor.	10	55	10	20	40
North Arcot.	230	78	80	410	120
Salem.	9,850	(j)	6,690	26,150	19,290
Coimbatore.	36,590	(j)	11,500	113,300	53,110
Trichinopoly.	7,570	(j)	2,700	17,320	5,350
Tanjore.	40	75	10	40	10
Madura.	35,200	(g)	20,460	52,200	30,560
Ramnad.	54,780	(g)	46,930	65,380	51,810
Tinnevelly.	73,400	(g)	61,000	78,690	63,650
Malabar.	50	91	60	50	60
South Kanara.	30	38	10	30	10
The Nilgiris.	..	..	..	..	..
Province.	**367,830**	92	**294,600**	**503,870**	**369,240**

(b) The normal yield shown in column 47 is based on the revised figures of normal yield per acre reported by the Director of Agriculture.
(c) Figures are in bales of 400 lb. *lint and not in tons.*
(d) The seasonal factor of tobacco by varieties in 1938-39 is given below:—

District.	Seasonal factor of Virginia.	Seasonal factor of Country (Desi).
East Godavari	107	81
West Godavari	84	84
Kistna	78	78
Guntur	92	91
Nellore	83	83

(e) There is a small extent under irrigation in these districts but the yield does not differ much from that of the unirrigated variety. The yield of the irrigated varieties is therefore included in columns 53 and 55.
(f) Includes 5,810 bales of irrigated Karunganni.
(g) Includes 510 bales of irrigated Karunganni.
(h) There is a small extent under irrigation in these districts under Uppam, Nadam and Tinnevellies cotton, but the yield does not differ much from that of the unirrigated variety. The yield of these irrigated varieties is therefore included in columns 53 and 55.
(i) The seasonal factor of irrigated Karunganni was 45.
(j) The seasonal factor of unirrigated cotton by varieties in 1938-39 is given below:—

District.	Seasonal factor of Cambodia.	Uppam.	Nadam and Bourbon.	Tinnevellies.
Salem	87	107	97	..
Coimbatore ..	59	(k) 43	70	..
Trichinopoly ..	74	72	95	..
Madura	60	..	..	79
Ramnad	83	..	..	91
Tinnevelly ..	77	..	..	95

(k) The seasonal factor for unirrigated Karunganni in Coimbatore was 41.

NOTE.—(1) The estimated yield of cotton in Banganapalle and Pudukkottai was 2,710 bales and 60 bales respectively in 1938-39, normal yield being 2,[illegible] bales and 120 bales respectively.

(2) The yield of unirrigated cotton by varieties in the southern half of the Province in 1938-39 is given below in bales of 400 lb. lint:—

—	Chingleput. BALES.	South Arcot. BALES.	Chittoor. BALES.	North Arcot. BALES.	Salem. BALES.	Coimbatore. BALES.	Trichinopoly. BALES.	Tanjore. BALES.	Madura. BALES.	Ramnad. BALES.	Tinnevelly. BALES.	Malabar. BALES.	South Kanara. BALES.
Cambodia ..	..	260	..	80	6,370	6,610	2,210	..	7,160	1,130	1,400	..	..
Uppam ..	..	680	10	..	150	(l) 4,070	10	10	..	..	..	60	10
Nadam and Bourbon	..	..	..	..	170	820	480	..	..	..	..	..	..
Tinnevellies	..	..	..	..	..	..	..	..	13,300	45,800	59,600	..	..

(l) Includes 3,790 bales of unirrigated Karunganni.

Seasonal factor and the total produce of the principal crops in 1938–39 as compared with the normal—*cont.*

(3) The yield of cotton by varieties in the Madras Province including Banganapalle and Pudukkottai is given below :—

Particulars.	Tinnevellies including Karunganni.	Cambodia.	Uppam.	Nadam and Bourbon.	White and Red Northerns.	Westerns.	Warrangal and Cocanadas.	Chinnapatti or short staple cotton.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	BALES.	BALES.	BALES.	BALES.	BALES.	BALES.	BALES.	BALES.	BALES.
Normal	177,210	169,560	5,960	1,760	26,780	96,790	27,230	1,280	506,570
1938-39	123,000	99,350	1,270	1,470	22,310	106,360	17,330	920	372,010

APPENDIX X.

Average harvest prices per imperial maund of 82-2/7 lb of the principal food-grains in 1938–39 based on the averages of the retail prices reported by Collectors as prevailing in two or three of the principal markets in each district as compared with the corresponding prices of the previous year.

District.	Rice. 1937–38.	Rice. 1938–39.	Cholam. 1937–38.	Cholam. 1938–39.	Cumbu. 1937–38.	Cumbu. 1938–39.	Ragi. 1937–38.	Ragi. 1938–39.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	RS. A.	
Vizagapatam	4 1	3 14	..	..	2 7	2 5	2 3	2 0	Vizagapatam
East Godavari ..	3 11	3 13	2 8	2 10	..	..	2 1	2 8	East Godavari.
West Godavari ..	3 10	3 9	3 0	2 14	..	..	2 3	2 3	West Godavari.
Kistna	3 14	3 15	3 0	3 7	..	..	2 5	2 8	Kistna.
Guntur	3 13	3 11	3 0	2 12	3 2	2 15	..	..	Guntur.
Kurnool	4 3	4 7	2 7	2 5	3 1	2 10	..	..	Kurnool.
Bellary	4 13	4 13	2 6	2 7	..	..	..	..	Bellary.
Anantapur	3 14	3 9	1 15	2 1	2 8	2 5	2 2	2 0	Anantapur.
Cuddapah	4 5	4 2	2 5	2 5	..	..	1 14	2 0	Cuddapah.
Nellore	5 0	4 15	2 4	2 2	2 11	2 10	2 2	2 2	Nellore.
Chingleput	3 4	4 2	..	..	..	..	2 7	2 3	Chingleput.
South Arcot	3 14	4 2	..	..	3 1	2 7	2 4	2 4	South Arcot.
Chittoor	3 11	3 10	..	..	2 5	2 0	1 15	2 2	Chittoor.
North Arcot ..	3 5	4 0	..	..	2 8	2 0	2 6	2 2	North Arcot.
Salem	5 0	4 15	2 12	3 2	2 9	2 10	2 9	2 9	Salem.
Coimbatore	4 4	4 7	2 11	2 13	3 4	3 4	2 13	3 0	Coimbatore.
Trichinopoly	4 0	3 15	2 6	3 1	2 11	3 0	2 4	2 4	Trichinopoly.
Tanjore	3 14	3 15	..	..	..	..	2 5	2 7	Tanjore.
Madura	3 11	4 4	2 8	2 14	2 7	2 12	2 3	2 11	Madura.
Ramnad	3 13	3 10	2 0	2 4	2 3	3 1	2 2	2 2	Ramnad.
Tinnevelly	3 13	3 11	2 3	2 11	2 5	3 10	2 2	2 5	Tinnevelly.
Malabar	3 10	3 9	..	..	..	..	..	..	Malabar.
South Kanara ..	3 15	3 13	..	..	..	..	..	..	South Kanara.

Average wholesale prices of forecast crops per imperial maund of 82-2/7 lb. during the harvest months in 1938–39.

District.	Principal market centre.	Rice, 2nd sort.	Jaggery.	Cotton.	Groundnut.	Gingelly.	Castor.	District.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
Vizagapatam ..	Vizagapatam ..	..	6 11 0	..	2 9 0	5 4 0	4 8 0	Vizagapatam.
	Vizianagram ..	4 3 0	5 2 0	..	2 8 0	5 7 0	4 11 0	
East Godavari ..	Cocanada ..	3 6 0	7 4 0	..	..	5 15 0	..	East Godavari.
	Rajahmundry.	3 9 0	7 3 0	..	..	5 6 0	..	
West Godavari ..	Ellore	3 6 0	..	..	..	5 4 0	..	West Godavari.
Kistna	Bezwada ..	3 8 0	..	..	..	..	..	Kistna.
	Masulipatam ..	3 8 0	..	..	..	..	..	
Guntur	Guntur ..	3 6 0	..	14 8 0	2 9 0	..	4 2 0	Guntur.
Kurnool	Nandyal ..	..	..	(a)	2 6 0	..	5 4 0	Kurnool.
Bellary	Adoni	..	9 14 0	(b)	2 4 0	..	..	Bellary.
	Bellary ..	..	5 13 0	(c)	2 10 0	..	4 1 0	
Anantapur	Anantapur ..	3 11 0	..	..	2 5 0	..	3 15 0	Anantapur.
	Hindupur ..	3 5 0	..	..	2 6 0	..	4 0 0	
	Tadpatri ..	4 2 0	..	12 9 0	2 5 0	..	..	
Cuddapah	Cuddapah ..	..	..	..	2 6 0	..	..	Cuddapah.
Nellore	Nellore ..	..	..	..	..	..	..	Nellore.
Chingleput	Conjeeveram ..	3 8 0	..	..	..	..	..	Chingleput.
South Arcot ..	Cuddalore ..	3 7 0	6 10 0	..	..	5 13 0	..	South Arcot.
Chittoor	Chittoor ..	4 1 0	7 1 0	..	..	..	..	Chittoor.
North Arcot ..	Vellore ..	3 11 0	6 8 0	..	2 11 0	..	..	North Arcot.
Salem	Salem	..	6 9 0	..	..	..	4 5 0	Salem.
Coimbatore ..	Erode	..	6 9 0	..	2 9 0	..	..	Coimbatore.
	Coimbatore ..	..	..	(d)	2 1 0	..	..	
	Tirupur ..	..	..	(e)	..	..	..	
Trichinopoly ..	Trichinopoly ..	3 15 0	5 12 0	..	..	6 8 0	..	Trichinopoly.
Tanjore	Kumbakonam.	3 2 0	..	..	..	..	..	Tanjore.
	Negapatam ..	3 10 0	..	..	..	..	..	
Madura	Madura ..	4 4 0	..	(f)	..	..	..	Madura.
Ramnad	Virudunagar ..	3 6 0	..	(g)	..	..	..	Ramnad.
Tinnevelly	Tinnevelly ..	3 10 0	..	..	..	6 10 0	..	Tinnevelly.
	Tuticorin ..	..	..	(h)	..	5 4 0	..	
Malabar	....	..	..	..	..	..	..	Malabar.
South Kanara ..	Mangalore ..	4 2 0	6 6 0	..	..	..	..	South Kanara.

(a) White Northerns Rs. 13–12–0 per imperial maund ; Red Northerns Rs. 14–3–0 per imperial maund.

(b) Mungari or early crop Rs. 12–1–0 per imperial maund ; Hingari or late crop Rs. 14–2–0 per imperial maund.

(c) Mungari or early crop Rs. 11–13–0 per imperial maund ; Hingari or late crop Rs. 14–1–0 per imperial maund.

(d) Cambodia Rs. 24–10–0 per imperial maund ; Karunganni Rs. 21–9–0 per imperial maund.

(e) Cambodia Rs. 25–5–0 per imperial maund ; Karunganni Rs. [illegible] per imperial maund.

(f) Cambodia Rs. 17-2-0 per imperial maund ; Tinnevellies Rs. 17-1-0 per imperial maund.

(g) Cambodia Rs. 21-9-0 per imperial maund ; Karunganni Rs. 19-4-0 per imperial maund ; Tinnevellies Rs. 17–14–0 per imperial maund.

(h) Karunganni Rs. 18–15–0 per imperial maund ; Tinnevellies Rs. 17-8-0 per imperial maund.

APPENDIX XI.

Statement showing the average retail prices of the principal food-grains and salt for 1938–39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.

District and station.	Paddy, 1st sort.	Paddy, 2nd sort.	Rice, 2nd sort.	Cholam.	Cumbu.	Ragi.	Korra.	Varagu.	Variga.	Horsegram.	Salt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
VIZAGAPATAM (AGENCY).											
1 Gudem	..	..	4·69	..	..	..	..	..	..	..	3·35
Average	..	..	**4·69**	..	..	..	..	..	..	..	3·35
VIZAGAPATAM (LITTORAL).											
1 Saluru	1·96	1·87	3·41	2·63	2·31	1·73	..	..	..	2·94	2·70
2 Parvatipuram	1·90	1·74	3·48	2·50	2·00	1·66	..	..	..	2·38	2·48
3 Palkonda	2·20	2·05	3·43	..	2·58	1·72	..	..	..	2·16	2·37
4 Chipurupalli	..	..	3·32	..	..	..	..	..	..	2·41	2·26
5 Gajapatinagaram	..	..	3·07	..	2·25	1·95	..	..	..	2·59	2·57
6 Vizianagram	1·50	1·41	3·94	2·95	2·45	2·10	..	..	..	2·59	2·65
7 Vizagapatam	..	2·76	3·90	..	2·67	2·25	..	..	..	3·30	2·43
8 Viravalli (Chodavaram)	..	..	3·60	2·35	..	..	..	..	..	2·17	2·24
9 Anakapalle	..	..	3·93	..	2·09	1·91	..	..	..	..	2·17
10 Yellamanchili	..	..	3·75	2·33	..	..	..	..	..	3·16	2·40
11 Narasapatam	..	..	3·83	2·04	2·03	1·83	..	..	..	3·60	2·96
12 Bobbili	2·30	1·98	3·16	..	2·17	1·65	..	..	..	2·87	2·41
13 Bimlipatam	..	..	3·65	..	2·81	2·35	..	..	..	3·36	2·35
14 Srungavarapukota	2·13	1·99	3·81	..	..	1·88	..	..	..	2·98	2·40
15 Ichchapur	2·03	1·87	3·62	..	..	2·08	..	..	..	2·03	1·99
16 Tekkali	1·92	1·73	3·21	..	..	1·77	..	..	..	2·46	2·15
17 Narasannapeta	2·15	1·95	3·86	..	..	1·74	..	..	..	2·17	2·28
18 Chicacole	..	..	4·09	..	..	1·92	..	..	..	2·79	2·35
19 Pathapatnam	2·19	1·94	3·64	..	..	1·70	..	..	..	2·65	2·22
20 Sompeta	2·22	1·99	3·81	..	..	1·83	..	..	..	2·58	2·25
Average	**2·05**	**1·94**	**3·63**	**2·47**	**2·34**	**1·89**	..	..	..	**2·78**	2·38
EAST GODAVARI (AGENCY).											
1 Bhadrachalam	..	..	4·07	2·31	..	..	..	..	..	..	2·67
2 Polavaram	..	1·87	3·45	2·34	..	..	..	..	..	..	2·60
3 Chodavaram	..	..	4·20	2·82	..	..	..	..	..	..	2·71
4 Yellavaram	..	..	3·58	..	..	..	..	..	..	..	2·59
5 Venkatapuram (Nugur)	..	..	3·80	2·02	..	..	..	..	..	..	2·91
Average	..	**1·87**	**3·82**	**2·37**	..	..	..	..	..	..	2·70
EAST GODAVARI (LITTORAL).											
1 Tuni	2·24	1·91	3·24	2·12	2·10	1·89	..	..	..	3·07	2·31
2 Pithapuram	2·51	2·41	3·47	..	2·07	2·02	..	..	..	3·51	2·18
3 Prattipadu	2·35	2·22	3·68	2·20	1 70	..	..	..	..	2·84	2·46
4 Peddapuram	2·47	2·12	3·56	2·32	1·87	1·92	..	..	..	3·35	2·63
5 Rajahmundry	..	..	3·80	2·22	2·41	2·48	..	..	..	4·04	2·27
6 Cocanada	2·79	2·29	3·85	2·40	2·36	2·53	..	..	..	3·47	2·21
7 Tallarevu	2·39	2·02	3·40	2·41	2·29	2·35	..	..	..	3·35	1·88
8 Ramachandrapuram	2·45	2·32	4·11	2·26	2·31	2·32	..	..	..	3·07	2·36
9 Alamuru	2·04	1·74	3·29	..	..	..	..	..	..	3·35	2·33
10 Kottapeta	2·26	2·00	3·35	2·29	..	2·14	..	..	..	3·47	2·12
11 Amalapuram	2·29	1·89	3·74	2·76	2·49	2·08	..	..	..	3·47	2·50
12 Razole	2·61	2·23	3·77	..	..	..	..	..	..	4·04	2·50
13 Mummudivaram	2·55	2·09	3·41	2·98	2·50	2·53	..	..	..	3·47	2·50
Average	**2·41**	**2·10**	**3·59**	**2·40**	**2·22**	**2·22**	..	..	..	**3·42**	2·33
WEST GODAVARI DISTRICT.											
1 Narasapuram	2·47	2·34	3·84	2·77	..	2·52	..	..	..	3·18	2·25
2 Tanuku	2·26	2·08	3·41	2·81	..	2·66	..	..	..	3·29	2·77
3 Bhimavaram	2·59	2·29	3·46	3·08	..	2·47	..	..	..	3·68	2·51
4 Ellore	2·58	2·34	3·53	2·85	2·35	2·31	..	..	..	3·50	2·22
5 Kovvuru	..	..	3·02	2·12	..	2·31	..	..	..	2·91	2·19
6 Tadepalligudem	2·32	2·20	3·41	2·48	..	1·95	..	..	..	3·33	2·23
7 Chintalapudi	2·24	2·06	3·89	2·65	..	..	..	..	..	3·17	2·77
Average	**2·41**	**2·22**	**3·51**	**2·68**	**2·35**	**2·37**	—	—	..	**3·29**	**2·42**

Statement showing the average retail prices of the principal food-grains and salt for 1938–39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
Kistna District.											
1 Tiruvur	2·12	1·95	3·41	2·83	..	..	..	..	..	2·91	2·60
2 Jaggayyapeta	..	2·32	3·63	2·86	2·80	..	..	..	..	3·33	2·32
3 Nandigama	..	..	3·60	3·20	..	..	..	..	..	3·50	2·50
4 Bezwada	2·80	2·70	4·54	3·36	..	2·53	..	..	..	3·83	2·48
5 Nuzvid	2·86	2·19	3·51	2·91	2·70	2·37	..	..	..	3·29	2·30
6 Gudivada	2·08	1·95	3·31	2·95	..	2·53	..	..	..	3·68	2·25
7 Masulipatam	2·67	2·57	3·59	3·08	..	2·53	..	..	..	3·90	2·31
8 Avanigadda	2·16	1.75	3·41	3·17	..	2·21	..	..	..	3·83	2·24
9 Kaikalur	..	..	3·76	3·15	..	..	..	..	..	3·83	2·48
10 Gannavaram	..	..	3·57	..	..	..	..	..	..	3·66	2·15
Average ..	**2·45**	**2·20**	**3·63**	**3·06**	**2·75**	**2·43**	..	..	..	**3·57**	**2·36**
Guntur District.											
1 Guntur	2·43	2·31	3·63	3·12	3·44	2·34	..	..	..	3·30	2·46
2 Mangalagiri	..	..	3·86	3·00	3·13	2·86	..	..	2·54	3·57	2·15
3 Sattenapalle	..	..	3·93	2·97	3·12	..	..	..	..	3·85	2·43
4 Tenali	2·26	2·02	3·49	2·98	..	..	..	..	..	3·30	2·17
5 Repalle	2·28	2·15	3·55	2·89	..	..	..	..	..	3·57	2·13
6 Bapatla	2·19	2·05	3·45	2·93	3·11	1·71	..	..	..	3·57	2·29
7 Ponnuru	2·24	2·08	3·29	2·78	3·17	2·10	..	..	..	3·58	2·02
8 Gurzala	..	..	4·16	2·23	2·82	..	..	..	2·32	..	2·34
9 Macherla	..	..	3·90	2·51	2·71	2·06	..	..	2·03	3·52	2·49
10 Narasaraopet	..	..	3·78	2·82	3·13	2·44	..	..	2·54	3·85	2·38
11 Vinukonda	..	..	4·02	2·71	2·84	..	..	..	2·54	3·58	2·38
12 Ongole	..	..	4·16	2·69	3·01	1·91	..	..	2·54	3·52	2·03
13 Addanki	2·98	2·40	3·71	2·51	2·61	1·97	..	..	2·54	2·91	2·16
Average ..	**2·40**	**2·17**	**3·76**	**2·78**	**3·01**	**2·17**	..	..	**2·43**	**3·59**	**2·26**
Kurnool District.											
1 Markapur	2·54	2·00	3·79	2·55	2·76	1·95	1·81	..	..	3·35	2·31
2 Cumbum	..	..	4·00	2·57	2·74	2·11	1·93	2·59	..	3·37	2·37
3 Sirvel	..	..	4·03	2·24	..	..	..	..	..	..	2·52
4 Owk	..	..	4·12	2·25	..	2·11	1·69	..	..	..	2·79
5 Koilkuntla	..	..	4·32	2·29	..	..	..	..	..	..	2·61
6 Nandyal	..	..	4·07	2·46	..	2·28	2·11	..	..	..	2·60
7 Guduru	..	..	4·43	2·53	2·79	..	2·25	..	..	3·33	4·04
8 Atmakur	..	2·66	3·81	2·63	..	..	1·98	..	..	2·37	2·58
9 Nandikotkur	..	..	4·14	2·58	..	..	1·98	..	..	3·19	2·65
10 Kurnool	..	..	4·27	2·63	..	..	2·11	..	..	3·30	3·31
11 Dhone	..	..	4·26	2·41	2·63	..	1·83	..	..	2·94	3·54
12 Pyapalli	..	..	4·51	2·24	2·44	..	1·59	..	..	2·61	2·86
13 Pattikonda	..	..	4·37	2·04	2·41	..	1·64	..	..	2·62	3·17
14 Yerragondapalem	2·12	1·84	4·06	1·92	2·39	1·77	1·69	..	..	2·94	2·49
Average ..	**2·33**	**2·17**	**4·16**	**2·38**	**2·60**	**2·04**	**1·91**	**2·59**	..	**3·05**	**2·85**
Bellary District.											
				White cholam.	Yellow cholam.						
1 Alur	..	..	4·54	2·37	2·00	..	1·57	..	..	..	3·38
2 Adoni	..	..	4·54	2·13	2·31	2·38	1·90	..	..	2·74	3·15
3 Yemmiganur	..	..	4·54	2·62	2·29	..	1·92	..	..	2·91	3·35
4 Siruguppa	2·67	..	4·62	2·49	2·14	..	1·44	..	..	..	3·43
5 Bellary	2·80	2·33	4·59	2·39	2·08	2·04	1·62	..	..	2·91	3·23
6 Hospet	2·95	..	4·91	2·03	2·21	..	1·62	..	..	2·50	3·20
7 Hadagalli	..	..	4·55	..	1·85	..	1·62	..	..	2·34	3·45
8 Harpanahalli	..	..	4·91	..	1·86	1·68	..	..	..	..	3·26
9 Kudligi	..	..	4·82	..	2·00	1·78	2·88	..	..	2·34	3·42
10 Rayadrug	2·57	2·30	4·49	2·44	..	2·12	3·16	..	..	2·56	3·26
Average ..	**2·75**	**2·32**	**4·65**	**2·35**	**2·08**	**2·00**	**1·97**	..	..	**2·61**	**3·31**

Statement showing the average retail prices of the principal food-grains and salt for 1938–39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and station.	Paddy, 1st sort.	Paddy, 2nd sort.	Rice, 2nd sort.	Cholam.	Cumbu.	Ragi.	Korra.	Varagu.	Variga.	Horsegram.	Salt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
ANANTAPUR DISTRICT.											
1 Madakasira	1·97	..	3·59	..	..	2·06	..	..	..	2·69	3·15
2 Hindupur	..	..	3·49	2·21	..	2·03	..	..	..	2·91	3·25
3 Penukonda	..	..	3·61	2·18	2·00	1·96	..	..	..	..	3·46
4 Dharmavaram	..	..	3·41	2·21	1·96	1·82	..	..	..	2·69	2·80
5 Kalyandrug	..	..	3·64	2·39	2·13	2·02	1·75	..	..	2·58	3·44
6 Anantapur	2·41	2·26	3·72	2·47	2·55	1·97	1·85	..	..	2·34	3·01
7 Uravakonda	..	..	4·28	2·35	2·19	..	1·62	..	..	2·34	3·28
8 Gooty	..	..	4·49	2·67	2·30	2·15	1·70	..	..	2·91	3·02
9 Tadpatri	..	..	4·55	2·53	..	2·15	..	..	..	..	2·66
10 Kadiri	..	..	3·62	1·97	2·12	2·05	..	..	..	2·61	2·54
Average	**2·19**	**2·26**	**3·84**	**2·33**	**2·18**	**2·02**	**1·73**	..	..	2·63	3·07
CUDDAPAH DISTRICT.											
1 Jammalamadugu	..	..	4·71	2·29	..	2·15	..	..	..	2·94	2·47
2 Proddatur	2·80	2·58	4·46	2·14	2·41	2·08	2·25	..	..	2·94	2·37
3 Kamalapuram	..	..	4·48	2·15	2·44	2·04	2·01	..	..	3·13	2·54
4 Cuddapah	..	..	4·58	2·46	2·65	2·15	..	..	..	3·06	2·81
5 Pulivendla	..	..	4·71	2·09	2·15	1·98	1·93	..	..	2·94	2·52
6 Rayachoti	..	..	3·62	2·13	2·30	2·00	..	..	..	3·13	2·60
7 Pullampet	..	..	3·74	..	2·51	2·13	..	..	..	3·12	2·52
8 Siddhavattam	..	..	4·79	2·09	2·44	2·08	..	..	..	3·19	2·69
9 Badvel	2·54	2·27	4·24	2·11	2·31	1·99	..	..	..	3·25	2·44
10 Lakkireddipalle	..	..	4·82	..	2·29	2·31	1·81	..	..	..	3·31
Average	**2·67**	**2·43**	**4·42**	**2·18**	**2·39**	**2·09**	**2·00**	..	..	3·08	2·63
NELLORE DISTRICT.											
1 Nellore	3·54	3·02	5·09	2·26	2·31	2·26	..	..	..	3·18	1·78
2 Gudur	2·81	2·31	3·78	2·61	2·74	2·44	..	..	..	3·66	2·33
3 Sulurpet	2·32	..	5·49	..	2·40	2·23	..	..	..	3·28	2·03
4 Venkatagiri	..	2·54	5·01	..	2·70	2·24	..	..	..	2·33	2·38
5 Rapur	..	2·23	4·08	2·59	2·54	2·00	..	..	..	3·29	2·41
6 Atmakur	2·59	2·02	3·30	2·24	2·30	2·04	..	..	..	2·91	2·30
7 Udayagiri	2·98	2·43	3·98	2·37	2·42	1·97	..	..	..	3·18	2·62
8 Kanigiri	3·47	..	5·04	2·16	2·69	2·06	..	2·21	..	3·29	2·36
9 Podili	2·61	2·10	3·46	2·31	2·65	1·87	..	..	..	3·50	2·14
10 Darsi	..	..	3·98	2·43	2·72	2·05	1·92	..	..	..	2·34
11 Kandukur	3·07	2·46	4·59	2·27	2·67	1·99	..	..	..	3·50	1·90
12 Kavali	2·82	2·40	3·94	2·58	2·69	2·02	..	..	..	3·33	1·99
13 Kovur	3·22	2·46	4·85	2·80	2·80	2·37	..	..	..	3·39	2·28
14 Muthukuru	2·97	2·55	3·97	..	..	2·71	..	..	..	3.50	2·02
Average	**2·95**	**2·41**	**4·33**	**2·42**	**2·59**	**2·16**	**1·92**	**2·21**	..	**3 25**	2·21
CHINGLEPUT DISTRICT.											
1 Satyavedu	..	2·38	3·61	..	..	2·21	..	..	..	2·67	2·01
2 Tiruvallur	2·43	2·25	3·43	..	..	2·31	..	..	..	3·31	2·27
3 Ponneri	..	..	3·70	..	..	2·39	..	..	..	3 23	2·09
4 Poonamallee	2·98	2·24	3·37	..	..	2·47	..	..	..	3·19	2·12
5 Saidapet	..	..	4·14	..	..	2·74	..	..	..	3·41	2·01
6 Sriperumbudur	..	..	3·64	..	..	2·39	..	..	..	3·37	2·01
7 Conjeeveram	2·77	2·16	3·44	..	..	2·20	..	..	..	3 35	2·11
8 Chingleput	2·45	2·21	3·41	..	..	2·38	..	..	..	3 36	2·09
9 Uttiramerur	2·06	1·85	3·37	..	..	2·24	..	..	..	3·62	2·25
10 Madurantakam	2·56	2·28	3·57	..	..	2·28	..	..	..	3·61	2·12
Average	**2·54**	**2·20**	**3·57**	..	..	**2·36**	..	..	..	**3·31**	2·11
MADRAS.											
1 Tiruvottiyur High Road Bazaar.	..	..	4·06	..	..	2·69	..	..	..	3·37	2·21
2 Big Bazaar	2·76	2·61	4·12	..	..	2·69	..	..	..	3·37	2·23
3 Kotwal Bazaar	2·67	2·19	4·00	..	..	2·62	..	..	..	3·37	2·23
4 Triplicane	2·91	..	3·91	..	..	2·66	..	..	..	3·13	2·25
5 Chintadripet	..	2·64	3·91	..	..	2·62	..	..	..	3·37	2·19
Average	**2·78**	**2·48**	**4·00**	..	..	**2·64**	..	..	..	**3·32**	2·22

Statement showing the average retail prices of the principal food-grains and salt for 1938-39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
South Arcot District.											
1 Tindivanam	2·59	2·36	3·80	2·31	2·43	2·27	..	..	..	3·37	2·00
2 Gingee	2·58	2·43	3·96	..	2·55	2·41	..	..	..	..	2·27
3 Villupuram	2·75	2·47	3·85	..	2·35	2·17	..	..	..	2·94	2·38
4 Tirukkoyilur	2·73	2·40	..	2·38	2·45	2·42	..	..	..	3·67	2·57
5 Kallakurchi	2·61	2·50	4·05	2·08	2·31	2·20	..	..	..	2·94	2·50
6 Vriddhachalam	2·64	2·39	3·85	2·39	2·54	2·48	..	..	..	3·31	2·60
7 Panruti	2·63	2·33	3·85	..	2·47	2·25	..	..	..	3·42	2·28
8 Cuddalore	2·74	2·35	4·18	..	2·68	2·40	..	..	..	3·37	2·48
9 Chidambaram	2·78	2·56	4·68	..	2·81	2·62	..	..	..	3·42	2·31
10 Mannargudi	2·70	2·33	3·77	..	..	..	..	..	..	..	2·44
Average	**2·68**	**2·41**	**4·00**	**2·28**	**2·51**	**2·36**	..	..	..	**3·30**	**2·38**

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
Chittoor District.											
1 Tiruttani	2·40	2·28	3·59	..	..	2·06	..	..	..	3·62	2·30
2 Puttur	2·46	2·22	4·24	..	2·23	2·01	..	..	..	3·18	2·33
3 Kalahasti	2·69	2·41	3·73	..	..	2·34	..	..	..	3·69	2·32
4 Tirupati	2·71	2·40	3·71	..	..	2·20	..	..	..	3·67	2·36
5 Chandragiri	2·59	2·32	4·33	..	..	2·26	..	..	..	..	2·26
6 Chittoor	2·54	2·38	3·63	..	..	2·09	..	..	..	3·62	2·60
7 Venkatagirikota	..	..	4·12	..	..	2·30	..	..	..	..	2·89
8 Palmaner	2·33	2·16	3·75	..	..	2·03	..	..	..	3·13	2·41
9 Punganuru	..	..	3·53	..	..	2·12	..	..	..	3·37	2·47
10 Madanapalle	2·26	2·14	3·59	..	2·17	2·21	..	..	..	3·68	2·50
11 Vayalpad	2·30	2·10	3·70	..	2·21	2·16	..	..	..	2·94	2·57
12 Piler	..	2·13	3·63	..	2·01	1·98	..	..	..	..	2·54
13 Kuppam	..	2·39	3·89	..	..	2·50	..	..	..	2·85	2·85
Average	**2·36**	**2·27**	**3·78**	..	**2·16**	**2·17**	..	..	..	3·38	**2·34**

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
North Arcot District.											
1 Arni	2·33	2·11	3·32	2·16	2·27	2·40	..	..	..	3·31	2·19
2 Polur	2·68	2·20	3·25	..	2·34	2·32	..	..	..	3·55	2·38
3 Tiruvannamalai	2·39	2·16	3·34	..	2·30	2·27	..	1·33	..	3·61	2·42
4 Cheyyar	2·17	1·92	3·12	..	2·25	2·41	..	..	..	3·43	2·35
5 Arkonam	..	..	3·64	..	..	2·35	..	..	..	3·67	2·18
6 Ambur	2·48	2·22	3·43	..	2·63	2·25	..	..	..	3·13	2·40
7 Walajapet	2·49	2·21	3·39	..	..	2·26	..	..	..	3·92	2·21
8 Gudiyattam	2·67	2·32	3·92	1·83	2·57	2·27	..	..	..	3·46	2·40
9 Tirupattur	3·42	2·86	3·86	..	2·31	2·54	..	..	..	3·94	2·77
10 Wandiwash	2·33	2·16	3·70	..	..	2·51	..	..	..	3·67	2·24
11 Vaniyambadi	2·50	2·20	3·67	2·41	2·24	2·46	..	..	..	2·47	2·65
12 Vellore	2·88	2·46	4·33	..	2·48	2·31	..	..	..	3·43	2·37
13 Chengam	2·50	2·28	3·70	..	2·28	2·37	..	..	..	3·30	2·70
Average	**2·57**	**2·26**	**3·59**	**2·13**	**2·37**	**2·36**	..	**1·33**	..	**3·37**	**2·40**

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
Salem District.											
1 Krishnagiri	2·67	2·18	3·97	2·73	2·45	2·55	..	1·25	..	2·94	2·85
2 Hosur	..	2·52	4·55	..	..	2·47	..	..	..	2·74	2·82
3 Denkanikota	..	..	4·68	..	..	2·25	..	..	..	3·31	3·11
4 Pennagaram	..	..	3·84	3·00	..	2·67	..	..	..	3·48	2·71
5 Dharmapuri	2·80	2·49	3·87	2·68	..	2·53	..	..	..	3·68	2·86
6 Uttangarai	..	..	4·11	..	..	2·27	..	..	..	2·94	3·33
7 Harur	3·33	2·82	5·32	2·54	2·42	2·61	..	1·50	..	2·94	2·80
8 Attur	2·87	2·72	3·95	2·43	2·70	2·43	..	1·10	..	2·95	2·67
9 Salem	3·53	3·04	5·50	3·22	3·89	2·79	..	2·25	..	3·43	2·61
10 Rasipuram	3·14	2·88	4·09	2·85	3·49	2·73	..	..	..	3·22	2·74
11 Omalur	2·96	2·79	4·15	2·90	3·81	2·74	..	..	..	2·61	2·87
12 Sankaridrug	2·79	2·58	4·09	2·89	3·43	2·75	..	..	..	3·36	2·64
13 Tiruchengodu	3·20	2·75	4·31	2·85	3·29	2·68	..	..	..	3·61	2·74
14 Namakkal	2·87	2·52	4·39	2·93	3·11	2·80	..	..	..	..	2·65
15 Paramathi	3·21	2·84	4·35	2·99	3·63	3·00	..	..	..	3·92	3·23
Average	**3·04**	**2·68**	**4·34**	**2·83**	**3·11**	**2·62**	..	**1·53**	..	**3·22**	**2·84**

Statement showing the average retail prices of the principal food-grains and salt for 1938–39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and station. (1)	Paddy, 1st sort. (2)	Paddy, 2nd sort. (3)	Rice, 2nd sort. (4)	Cholam. (5)	Cumbu. (6)	Ragi. (7)	Korra. (8)	Varagu. (9)	Variga. (10)	Horsegram. (11)	Salt. (12)
COIMBATORE DISTRICT.											
1 Kollegal	..	2·38	4·05	..	..	2·65	..	..	..	2·94	3·32
2 Gobichettipalaiyam	2·82	2·59	4·18	2·92	2·88	2·74	..	..	..	3·32	2·50
3 Satyamangalam	..	2·81	4·12	2·67	2·71	2·44	..	..	..	3·64	2·79
4 Bhavani	3·15	2·83	4·23	3·13	3·25	3·08	..	..	..	3·92	2·50
5 Erode	2·91	2·55	4·21	3·49	3·56	3·08	..	..	..	3·92	2·73
6 Perundurai	3·09	2·85	4·24	3·31	3·21	2·86	..	..	..	3·84	2·42
7 Tiruppur (Palladam)	..	..	4·02	2·95	2·62	2·82	..	..	..	3·92	2·56
8 Avanashi	2·99	2·95	4·14	2·95	2·62	2·64	..	..	..	3·59	2·72
9 Coimbatore	3·27	2·96	4·66	3·03	3·40	3·09	..	..	..	3·62	2·50
10 Mettupalaiyam	..	..	4·07	2·97	2·89	2·78	..	..	..	3·92	3·28
11 Pollachi	..	2·88	3·96	3·06	2·78	2·61	..	..	..	3·37	2·42
12 Udumalpet	2·61	2·41	3·78	2·95	..	2·69	..	..	..	2·98	2·53
13 Dharapuram	2·98	2·74	4·04	3·04	2·66	2·66	..	..	..	3·52	2·64
14 Kangayam	..	2·89	4·05	3·26	2·87	2·76	..	..	..	3·52	2·50
Average	**2·98**	**2·74**	**4·13**	**3·13**	**2·95**	**2·78**	..	..	..	**3·54**	**2·67**
TRICHINOPOLY DISTRICT.											
1 Udaiyarpalaiyam	2·73	2·38	4·10	..	2·62	2·47	..	..	..	2·94	2·47
2 Ariyalur	2·73	2·49	4·09	1·99	2·49	2·30	..	..	..	2·70	2·51
3 Perambalur	2·41	2·29	3·96	2·65	..	..	..	..	..	3·61	2·67
4 Lalgudi	2·56	2·33	4·11	..	3·08	..	..	..	..	3·76	2·42
5 Trichinopoly	2·58	2·37	4·01	2·97	2·94	2·60	..	..	..	3·62	2·73
6 Manaparai	2·79	2·52	4·14	2·69	2·68	2·37	..	..	..	3·37	2·51
7 Kulittalai	2·52	2·32	4·10	2·86	3·03	2·80	..	..	..	3·92	2·47
8 Musiri	2·54	2·34	4·12	2·73	2·93	2·50	..	..	..	3·62	2·62
9 Turaiyur	2·50	2·40	3·81	2·56	2·87	2·21	..	..	..	2·70	2·75
10 Karur	2·94	2·57	3·74	3·16	2·98	2·79	..	..	..	3·62	2·46
11 Aravakurichi	..	2·42	3·72	3·08	2·78	2·63	..	..	..	..	2·53
Average	**2·63**	**2·40**	**3·99**	**2·74**	**2·84**	**2·52**	..	..	..	**3·39**	**2·56**
TANJORE DISTRICT.											
1 Shiyali	2·65	2·23	3·60	..	..	..	..	..	..	..	2·17
2 Tirumalavasal	..	2·27	3·80	..	..	..	..	..	..	..	2·12
3 Mayavaram	2·46	2·01	3·67	..	..	..	..	..	..	..	2·38
4 Tranquebar (Poraiyar)	2·88	2·03	3·82	..	..	..	..	..	..	..	2·16
5 Tiruvidamarudur	2·43	2·21	3·82	..	..	..	..	..	..	..	2·48
6 Kumbakonam	2·41	2·15	4·02	..	..	..	..	..	..	..	2·65
7 Kodavasal	2·44	2·18	3·97	..	..	..	..	..	..	..	2·28
8 Tiruvarur	2·39	2·15	3·82	..	..	..	..	..	..	..	2·03
9 Negapatam	2·37	2·13	4·00	..	..	..	..	..	..	..	2·04
10 Vedaranyam	..	2·33	3·89	..	..	..	..	..	..	..	2·03
11 Tiruturaipundi	2·34	2·17	3·80	..	..	..	..	..	..	..	2·16
12 Mannargudi	..	2·26	3·80	..	..	..	..	..	..	..	2·40
13 Nidamangalam	..	2·26	3·96	..	..	..	..	..	..	..	2·20
14 Tanjore	2·51	2·08	3·83	..	3·45	2·57	..	..	..	..	2·28
15 Papanasam	..	2·28	4·20	..	..	..	..	..	..	..	2·42
16 Valangiman	2·71	2·31	4·12	..	..	..	..	..	..	..	2·29
17 Tiruvadi	2·69	2·39	3·96	..	..	..	..	..	..	..	2·46
18 Orathanad	..	2·21	3·86	..	..	..	..	..	..	..	2·07
19 Pattukkottai	2·34	2·06	3·72	..	..	2·35	..	1·30	..	..	2·24
20 Muttupet	2·49	2·23	3·89	..	3·01	2·31	..	..	..	..	2·26
21 Arantangi	2·52	2·29	3·61	..	..	2·76	..	..	..	..	2·19
Average	**2·51**	**2·20**	**3·86**	..	**3·23**	**2·50**	..	**1·30**	..	..	**2·25**
MADURA DISTRICT.											
1 Melur	2·57	2·50	3·92	..	..	..	..	..	..	3·53	2·45
2 Madura	3·12	2·69	4·15	2·87	2·82	2·49	..	..	..	3·25	2·44
3 Tirumangalam	2·85	2·66	4·02	2·41	2·74	2·42	..	..	..	..	2·55
4 Usilampatti	2·79	2·56	3·92	2·03	2·69	2·27	..	..	..	..	2·48
5 Nilakkottai	3·16	2·79	4·01	2·76	2·81	2·42	..	..	..	3·43	2·70
6 Dindigul	3·10	2·62	3·95	2·89	2·92	2·47	..	..	..	3·18	2·47
7 Vedasandur	3·16	2·76	3·98	2·87	2·95	2·47	..	..	..	3·67	2·79
8 Palni	2·81	2·58	4·05	3·05	2·42	2·65	..	..	..	..	2·53
9 Kodaikanal	..	4·06	4·56	4·14	4·00	3·54	..	..	..	..	3·29
10 Periyakulam	3·05	2·58	4·07	1·94	3·43	2·23	..	..	..	3·67	2·54
11 Uttamapalaiyam	3·14	2·52	4·08	2·17	..	2·28	..	..	..	3·68	2·77
Average	**2·98**	**2·76**	**4·06**	**2·71**	**2·98**	**2·52**	..	..	..	**3·48**	**2·64**

Statement showing the average retail prices of the principal food-grains and salt for 1938–39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and station.	Paddy, 1st sort.	Paddy, 2nd sort.	Rice, 2nd sort.	Cholam.	Cumbu.	Ragi.	Korra.	Varagu.	Variga.	Horsegram.	Salt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
RAMNAD DISTRICT.											
1 Ramnad	2·43	2·31	4·03	..	2·59	2·45	..	..	..	2·62	2·06
2 Mudukulattur	..	2·29	4·07	..	2·27	2·27	..	..	..	..	2·43
3 Aruppukottai	2·96	2·53	4·04	2·31	2·62	2·23	..	..	..	2·94	2·27
4 Paramakudi	..	2·20	3·82	..	2·32	2·34	..	..	..	..	2·34
5 Tiruvadanai	2·51	2·22	4·14	..	..	2·62	..	..	..	..	2·12
6 Sivaganga	2·75	2·55	4·09	2·54	2·94	2·54	..	..	..	..	2·45
7 Tiruppattur	2·80	2·60	4·39	..	..	2·86	..	..	..	..	2·62
8 Sattur	..	..	3·76	2·28	2·62	2·15	..	..	..	..	2·17
9 Srivilliputtur	2·75	2·56	3·67	2·47	2·89	2·44	..	..	..	3·31	2·19
10 Virudunagar	2·97	2·58	3·86	2·35	2·68	2·38	..	..	..	3·43	2·38
Average	**2·74**	**2·43**	**3·99**	**2·39**	**2·62**	**2·43**	..	..	..	**3·07**	**2·30**
TINNEVELLY DISTRICT.											
1 Sankarankoil	2·75	2·47	4·09	2·47	..	2·20	..	..	..	..	2·09
2 Tenkasi	2·64	2·39	3·84	2·51	..	2·31	..	..	..	2·94	2·21
3 Ambasamudram	2·41	2·25	3·50	2·67	..	2·19	..	..	..	2·94	1·99
4 Tinnevelly	2·58	2·52	3·96	2·57	2·89	2·62	..	..	..	2·94	2·04
5 Nanguneri	..	2·51	4·06	..	..	..	..	..	..	..	2·05
6 Radhapuram	..	2·41	4·15	..	..	..	..	..	..	..	2·17
7 Srivaikuntam	..	2·38	3·58	..	2·56	2·38	..	..	..	3·35	1·62
8 Tuticorin	2·54	2·20	3·58	..	2·47	2·30	..	..	..	2·94	1·96
9 Koilpatti	..	2·77	3·87	2·24	2·57	2·17	..	..	..	2·94	2·18
10 Vilattikulam	..	..	3·65	..	..	..	..	..	..	..	2·07
11 Sattankulam	2·74	2·68	4·22	2·56	..	2·45	..	..	..	..	2·02
12 Tiruchendur	..	2·33	3·87	..	..	..	..	..	..	..	1·92
Average	**2·61**	**2·45**	**3·86**	**2·50**	**2·62**	**2·33**	..	..	..	**3·01**	**2·03**
				Husked coconuts, price per 1,000.	Coconuts in the husk, price per 1,000.						
MALABAR DISTRICT.											
1 Cochin	2·74	..	3·85	21·00	24·00	..	..	..	..	..	3·33
2 Alattur	2·58	2·43	3·71	31·50	..	2·86	..	..	..	3·97	2·81
3 Palghat	2·59	2·21	3·77	37·50	..	3·04	..	..	..	3·13	2·53
4 Walluvanad	..	2·37	4·25	29·45	..	..	..	..	..	3·60	2·90
5 Ottapalem	..	2·29	3·48	30·00	..	3·45	..	..	..	3·50	2·69
6 Ponnani	..	2·04	3·81	18·75	22·25	..	..	..	..	3·95	2·52
7 Chowghat	..	..	3·77	21·00	26·00	..	..	..	..	3·47	2·40
8 Tirur	..	1·90	3·60	16·00	18·00	..	..	..	..	3·53	2·43
9 Ernad (Manjeri)	..	2·20	3·89	25·00	..	..	..	..	..	3·68	2·81
10 Tirurangadi	2·71	2·38	4·36	16·75	19·50	..	..	..	..	4·01	2·25
11 Calicut	2·12	2·56	3·54	18·38	21·50	3·05	..	..	..	3·34	2·35
12 Wynad (Manantoddy)	..	1·90	3·46	..	..	2·04	..	..	..	3·79	2·51
13 Vayitri	2·47	..	3·99	..	..	..	..	..	..	4·15	3·62
14 Kurumbranad (Badagara)	2·59	2·40	3·59	25·00	21·38	2·59	..	..	..	3·45	2·46
15 Quilandi	..	2·30	4·06	..	17·25	3·42	..	..	..	3·58	2·50
16 Kottayam	2·39	2·66	3·60	25·00	26·00	2·20	..	..	..	2·75	2·42
17 Kuttuparamba	2·60	2·20	3·61	16·00	17·00	1·89	..	..	..	3·85	2·40
18 Chirakkal	2·47	2·50	3·72	22·00	18·00	2·02	..	..	..	3·38	2·40
19 Taliparamba	..	2·25	3·63	26·00	..	1·98	..	..	..	3·48	2·41
Average	**2·53**	**2·29**	**3·77**	**23·71**	**20·99**	**2·57**	..	..	..	**3·59**	**2·62**

Statement showing the average retail prices of the principal food-grains and salt for 1938-39 in terms of rupees per imperial maund of 3,200 tolas or 82-2/7 lb.—*cont.*

District and stations.	Paddy, 1st sort.	Paddy, 2nd sort.	Rice, 2nd sort.	Husked coco-nuts, price per 1,000.	Coconuts in the husk, price per 1,000.	Ragi.	Korra.	Varagu.	Variga.	Horsegram.	Salt.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
South Kanara District.											
1 Hosdrug	2·42	2·13	3·96	30·00	35·00	2·75	..	..	..	3·59	2·82
2 Kasaragod	2·65	2·37	4·17	26·25	28·75	2·91	..	..	..	3·37	2·59
3 Uppinangadi (Puttur)	2·47	2·19	3·94	40·40	42·50	2·80	..	..	..	3·80	3·05
4 Beltangadi	2·25	1·97	3·40	40·40	45·00	2·76	..	..	..	3·80	2·94
5 Bantwal	2·32	2·04	3·82	45·31	48·98	2·63	..	..	..	3·59	2·68
6 Mangalore	2·73	2·45	4·44	47·50	52·50	3·21	..	..	..	3·59	2·65
7 Karkal	2·24	1·95	3·73	42·50	45·00	2·71	..	..	..	3·16	2·80
8 Udipi	2·34	1·96	3·75	31·88	34·38	2·78	..	..	..	3·36	2·61
9 Coondapoor	2·23	1·96	3·52	33·75	36·25	2·75	..	..	..	3·16	3·00
Average	**2·41**	**2·12**	**3·86**	**37·47**	**40·92**	**2·81**	..	..	..	**3·49**	**2·79**
The Nilgiris District.											
1 Ootacamund	..	3·06	4·17	Cho-	Cumbu.	3·05	..	..	..	3·35	3·33
2 Coonoor	..	..	4·12	lam.	..	3·22	..	..	..	3·62	3·08
3 Gudalur	..	..	3·85	..	..	2·82	..	..	..	3·68	3·29
Average	..	**3·06**	**4·05**	..	..	**3·03**	..	..	..	**3·55**	**3·23**
Province average	**2·60**	**2·33**	**3·93**	**2·54**	**2·63**	**2·35**	**2·30**	**1·60**	**2·50**	**2·60**	**2·51**

APPENDIX XII.

Comparative statement showing the imports into and the exports from the Madras Province of important agricultural products and their manufactures in 1937–38 and 1938–39.

Articles.		1937–38. Quantity.	1937–38. Value. (RS.)	1938–39. Quantity.	1938–39. Value. (RS.)
Foreign Imports.					
Paddy	Tons	31,101	17,98,044	(a) 75,858	42,96,179
Rice	,,	679,622	5,16,72,748	(b) 683,875	5,00,02,060
Broken rice	..	Not separately recorded.			
Sugar	Tons	88	19,124	4,995	5,67,731
Jaggery (Molasses)	,,	lb. 21	7	1,698	2,62,136
Betelnuts	Cwt.	290,546	37,99,006	279,801	27,83,975
Cotton—Raw	Tons	4,767	50,49,037	1,681	14,86,065
Cotton—Piecegoods	Yds.	34,733,600	84,28,777	32,309,242	(c) 65,05,228
Cotton—Twist and yarn	Lb.	6,029,003	72,58,500	5,543,580	55,99,958
Tobacco—Raw	,,	887,379	14,57,395	(d) 1,770,154	25,67,687
Tobacco—Manufactured	,,	65,007	1,65,372	64,865	2,15,373
Cashewnuts	Tons	13,583	17,84,898	10,166	13,36,033
Rubber raw and manufactured.	Val.	..	40,82,089	..	25,81,712
Foreign Exports.					
Paddy	Tons	830	49,655	2,634	1,56,414
Rice	,,	88,408	1,05,36,883	(e) 99,540	1,14,53,654
Broken rice	,,	..	..	..	..
Grain, pulses and flour other than paddy, rice and broken rice.	,,	2,887	3,50,864	3,186	3,77,542
Chillies	Cwt.	83,140	18,06,386	90,485	15,43,740
Pepper	,,	16,148	3,57,762	15,237	2,98,739
Ginger	,,	10,068	3,60,156	15,110	3,75,073
Cardamums	,,	9,479	23,97,141	8,431	16,04,725
Onions	,,	878,208	34,03,079	986,608	36,59,849
Cashew kernels	Tons	11,895	1,20,64, 980	12,330	1,19,61,136
Seeds—Groundnut	,,	564,959	8,00,87,672	765,671	8,92,45,351
Seeds—Gingelly	,,	2,526	4,06,642	1,214	1,85,733
Seeds—Castor	,,	16,982	25,43,627	5,051	6,23,753
Oils, Groundnut	Galls.	1,686,898	23,90,510	3,038,644	36,78,635
Oils—Gingelly	,,	37,704	56,955	67,495	94,594
Oils—Castor	,,	243,551	3,52,408	105,467	1,32,037
Oil cakes—Groundnut	Tons.	81,974	52,52,062	126,993	(f) 81,89,818
Oil cakes—Gingelly	,,	14,601	13,54,246	14,274	14,80,461
Oil cakes—Castor	,,	995	58,446	509	26,585
Cotton—Raw	,,	28,901	2,07,36,649	(g) 19,625	1,07,57,974

(a) Imported mainly from Burma (51,080 tons) and Indo-China (16,134 tons).
(b) Imported mainly from Burma (683,157 tons).
(c) Imported mainly from United Kingdom (Rs. 40·19 lakhs) and Japan (Rs. 15·27 lakhs).
(d) Mainly from the United States (1·00 million lb.).
(e) Mainly to Ceylon (86,469 tons) and Strait Settlements (10,125 tons).
(f) Mainly to United Kingdom (Rs. 33·32 lakhs), Germany (Rs. 17·46 lakhs) and Denmark (Rs. 8·88 lakhs).
(g) Japan took 37 per cent, United Kingdom 19 per cent, Germany 7 per cent and Netherlands 6 per cent.

Comparative statement showing the imports into and the exports from the Madras Province of important agricultural products and their manufactures in 1937–38 and 1938–39—*cont.*

Articles. (1)		1937-38. Quantity. (2)	1937-38. Value. (3)		1938-39. Quantity. (4)		1938-39. Value. (5)
			RS.				RS.
Cotton—Manufactured piece-goods.	Yds.	57,491,115	2,22,31,854		47,974,220		1,89,94,588
Coffee	Cwt.	133,163	53,85,722	(a)	180,274		73,58,049
Tea	Lb.	51,444,555	4,53,50,436		56,303,213		4,91,71,490
Coir—Manufactured	Cwt.	740,889	1,03,65,650		689,446	(b)	95,20,477
Tobacco—Raw	Lb.	26,856,548	89,33,042		43,926,979	(c)	1,72,38,133
Tobacco—Manufactured	,,	2,048,105	45,50,024		1,961,511		30,12,236
Rubber—Raw	,,	17,753,676	83,83,032		17,211,492	(d)	71,55,855
COASTWISE IMPORTS.							
Paddy	Tons	6,662	4,01,652		8,430		4,78,688
Rice	,,	32,075	30,71,039		36,951		34,59,193
Broken rice	,,	Not separately recorded.					
Pulses	,,	86,476	94,46,549		70,439	(e)	76,90,366
Cotton—Raw	,,	3,780	20,14,842		1,025	(f)	7,16,056
Cotton—Piecegoods	Yds.	74,391,249	2,33,73,906		6,485,018		22,59,977
Cashewnut kernels	Tons	158	26,049		776		94,547
COASTWISE EXPORTS.							
Paddy	Tons	1,223	81,755		5,669		4,38,727
Rice	,,	28,051	25,52,593		29,491		26,99,432
Broken rice	,,		Not separately recorded				
Pulses	,,	8,326	2,10,669		10,167		9,85,445
Cotton—Raw	,,	5,920	49,18,532		5,761		34,11,399
Cotton—Twist and yarn	Lb.	33,423,694	1,85,90,039		30,808,363	(g)	1,55,25,137
Tea	,,	820,188	5,50,501		767,695		5,03,729
Coffee	Cwt.	16,117	6,47,242		14,434		5,41,559
Rubber—Raw	Lb.	7,617,179	28,30,978		6,419,729		22,55,522
Cashewnut kernels	Tons	465	4,11,568		428		3,95,562
Groundnut oil	Galls.	489,309	7,88,756		1,108,462		13,54,620

(a) Exported to United Kingdom (69,905 cwt.), France (37,926 cwt.), and Norway (22,501 cwt.).
(b) Mainly to United Kingdom (Rs. 35·94 lakhs), Germany (Rs. 13·42 lakhs) and the Netherlands (Rs. 8·38 lakhs).
(c) Exported mainly to United Kingdom (Rs. 149·74 lakhs) and China (Rs. 11·63 lakhs).
(d) Sent mainly to United Kingdom (Rs. 35·95 lakhs), and United States of America (Rs. 11·13 lakhs).
(e) Mainly from Bombay (Rs. 48·31 lakhs) and Sind (Rs. 15·35 lakhs).
(f) Mainly from Sind (Rs. 61·30 lakhs).
(g) Mainly to Bengal (Rs. 138·55 lakhs).

APPENDIX XIII.

Number of livestock and agricultural machinery and implements in each district in Madras Province as ascertained by a census held in January 1935 (revised).

Districts.	Cattle.								Districts.
	Males.					Females.			
				Young stock.					
	Breeding bulls, *i.e.*, entire males over three years kept or used for breeding purposes.	Working bullocks, *i.e.*, bullocks and uncastrated males over three years kept for work *only*.	Bulls and bullocks over three years not in use for breeding or work.	Under one year.	One to three years of age.	Breeding cows, *i.e.*, cows over three years kept for breeding or milk production.	Cows over three years used for work.	Cows over three years not in use for work or breeding purposes.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
Ganjam ..	13,522	311,494	35,159	47,102	54,857	213,624	62,691	23,340	Ganjam.
Vizagapatam	12,910	452,613	92,880	58,584	80,544	288,377	83,062	42,719	Vizagapatam.
East Godavari	8,639	234,168	42,795	44,875	52,558	189,446	7,807	32,972	East Godavari.
West Godavari ..	1,177	154,407	16,635	24,039	30,828	125,067	20,126	10,446	West Godavari.
Kistna ..	4,093	143,162	11,932	23,771	35,079	129,647	10,715	9,456	Kistna.
Guntur ..	960	190,004	16,148	27,089	35,377	117,236	8,544	13,818	Guntur.
Kurnool ..	539	163,943	15,871	14,965	25,617	75,241	4,924	10,490	Kurnool.
Bellary ..	4,525	186,256	12,528	26,084	33,593	94,652	8,012	9,389	Bellary.
Anantapur	4,466	192,782	25,321	32,159	42,651	123,877	19,113	17,874	Anantapur.
Cuddapah	2,731	97,174	39,211	11,276	17,219	50,360	13,158	12,156	Cuddapah.
Nellore ..	784	193,505	26,267	31,268	52,584	188,773	16,253	15,056	Nellore.
Chingleput	7,216	265,270	14,099	29,866	53,614	170,062	15,923	25,469	Chingleput.
Madras ..	231	2,586	633	531	577	3,536	645	270	Madras.
South Arcot	25,137	325,860	31,480	46,674	62,355	246,027	61,758	53,921	South Arcot.
Chittoor ..	2,984	302,791	31,868	56,975	82,701	254,162	37,713	26,342	Chittoor.
North Arcot	15,195	387,181	30,818	43,434	69,925	214,053	126,850	45,292	North Arcot.
Salem ..	13,428	355,162	37,510	76,800	78,978	233,005	314,255	56,315	Salem.
Coimbatore	13,464	357,907	51,151	85,377	97,511	256,462	113,341	35,947	Coimbatore.
Trichinopoly	4,102	328,000	29,312	48,173	63,685	186,861	70,177	27,493	Trichinopoly.
Tanjore ..	5,730	357,106	17,920	45,552	66,138	262,534	7,089	21,862	Tanjore.
Madura	10,464	277,714	22,753	44,504	56,207	134,459	66,998	28,829	Madura.
Ramnad ..	3,554	249,254	11,209	28,859	34,262	102,008	38,952	19,257	Ramnad.
Tinnevelly	7,347	231,518	21,779	23,301	30,826	120,576	3,682	10,094	Tinnevelly.
Malabar ..	3,162	218,435	9,086	55,269	73,023	316,991	2,781	14,538	Malabar.
South Kanara	1,962	193,562	9,665	38,217	53,510	182,718	990	9,383	South Kanara.
The Nilgiris	963	5,154	1,140	2,148	2,060	15,519	311	807	The Nilgiris.
Total ..	**169,285**	**6,177,708**	**655,170**	**966,892**	**1,286,279**	**4,295,273**	**1,115,870**	**573,535**	**Total.**

Number of livestock and agricultural machinery and implements in each district in Madras Province as ascertained by a census held in January 1935 (revised)—*cont.*

Districts.	Females—*cont.* Young stock. Under one year.	Females—*cont.* Young stock. One to three years of age.	Buffaloes. Males. Breeding bulls, *i.e.*, entire males over three years kept or used for breeding purposes.	Buffaloes. Males. Working bullocks, *i.e.*, bullocks and uncastrated males over three years kept for work *only*.	Buffaloes. Males. Bulls and bullocks over three years not in use for breeding or work.	Buffaloes. Males. Young stock. Under one year.	Buffaloes. Males. Young stock. One to three years of age.	Buffaloes. Females. Breeding cows, *i.e.*, cows over three years kept for breeding or milk production.	Buffaloes. Females. Cows over three years used for work.	Buffaloes. Females. Cows over three years not in use for work or breeding purposes.	Districts.
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Ganjam	60,644	64,496	14,686	110,526	8,800	9,117	11,651	43,672	12,738	6,260	Ganjam.
Vizagapatam ..	80,163	83,034	17,316	181,601	27,841	23,229	25,339	138,208	26,267	18,423	Vizagapatam.
East Godavari ..	53,356	63,373	11,702	40,688	9,977	22,142	19,892	100,638	15,529	12,733	East Godavari.
West Godavari ..	33,967	40,075	6,637	49,444	5,165	22,437	17,910	101,511	17,234	7,251	West Godavari.
Kistna	32,249	45,195	8,896	40,607	4,647	43,703	32,460	199,679	14,046	10,916	Kistna.
Guntur	29,704	40,146	6,926	54,446	7,714	88,166	42,999	321,512	15,597	26,646	Guntur.
Kurnool	20,418	20,479	2,136	9,699	2,594	25,211	20,005	143,040	11,188	10,697	Kurnool.
Bellary	34,188	24,973	2,065	5,456	2,187	13,354	8,735	71,918	5,925	5,919	Bellary.
Anantapur ..	44,940	33,530	4,080	16,207	4,093	14,909	12,129	65,169	8,601	8,910	Anantapur.
Cuddapah ..	17,012	15,435	4,879	17,679	5,472	20,099	18,961	121,832	17,929	15,469	Cuddapah.
Nellore	38,154	58,414	8,827	63,054	8,799	44,701	39,776	212,080	12,484	13,794	Nellore.
Chingleput ..	32,749	57,784	5,113	52,543	3,173	13,430	16,454	72,791	7,957	7,756	Chingleput.
Madras	1,003	1,858	412	545	64	435	432	2,389	316	126	Madras.
South Arcot ..	66,631	65,301	6,392	32,829	5,451	9,349	10,206	47,515	9,707	6,729	South Arcot.
Chittoor	65,582	71,378	4,017	22,075	5,236	15,470	15,340	77,014	5,972	6,253	Chittoor.
North Arcot ..	60,420	64,093	7,509	31,380	4,860	12,579	13,768	65,394	6,939	8,542	North Arcot.
Salem	94,237	75,606	3,652	5,331	2,522	13,710	8,995	71,380	7,767	6,605	Salem.
Coimbatore ..	90,554	86,296	3,640	3,540	2,050	22,731	9,924	96,226	14,285	10,579	Coimbatore.
Trichinopoly ..	51,995	56,672	4,483	12,453	2,335	19,368	12,899	90,439	10,477	8,764	Trichinopoly.
Tanjore	55,586	70,448	4,601	38,577	2,802	15,907	12,638	90,116	9,821	4,856	Tanjore.
Madura	53,331	52,933	3,084	15,728	3,907	13,929	10,887	62,830	12,655	7,675	Madura.
Ramnad	39,200	32,115	1,817	14,357	2,245	9,996	8,062	46,572	8,856	5,098	Ramnad.
Tinnevelly ..	34,929	37,724	5,719	18,368	3,211	11,371	11,000	79,484	5,185	7,955	Tinnevelly.
Malabar	89,849	96,546	2,640	125,640	1,263	4,949	16,939	28,114	9,308	1,172	Malabar.
South Kanara ..	46,747	58,647	2,469	152,346	4,004	4,920	9,549	38,728	499	1,421	South Kanara.
The Nilgiris ..	3,981	2,703	502	1,582	266	1,027	1,251	10,693	181	850	The Nilgiris.
Total ..	1,231,589	1,319,254	144,200	1,116,701	130,678	496,239	408,201	2,398,944	267,463	221,399	Total.

Districts.	Females—*cont.* Young stock. Under one year.	Females—*cont.* Young stock. One to three years of age.	Sheep.	Goats.	Horses and ponies. Horses.	Horses and ponies. Mares.	Horses and ponies. Young stock (colts and fillies). Under one year.	Horses and ponies. Young stock (colts and fillies). One to three years of age.	Mules.	Donkeys.	Camels.	Districts.
	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	
Ganjam ..	13,047	17,298	219,338	152,361	2,146	347	211	95	238	962	..	Ganjam.
Vizagapatam ..	46,867	36,991	492,688	337,441	4,146	658	255	153	178	1,995	..	Vizagapatam.
East Godavari ..	35,492	27,754	53,176	117,025	3,003	692	190	74	569	671	..	East Godavari.
West Godavari ..	38,937	29,197	58,508	76,279	1,807	540	101	47	8	406	6	West Godavari.
Kistna	74,847	74,078	162,426	132,385	1,145	314	83	40	83	918	16	Kistna.
Guntur	140,252	131,745	408,651	174,875	1,260	637	614	287	249	1,847	..	Guntur.
Kurnool	49,723	47,249	440,388	252,022	1,195	815	195	316	6	12,142	2	Kurnool.
Bellary	28,411	21,233	267,793	230,520	1,244	749	208	91	134	6,642	..	Bellary.
Anantapur ..	29,373	20,425	858,522	328,824	1,942	1,140	151	135	464	16,357	..	Anantapur.
Cuddapah ..	44,928	37,005	489,608	213,231	309	169	21	22	19	9,994	..	Cuddapah
Nellore	71,018	87,968	739,538	339,433	854	429	52	78	23	6,577	6	Nellore.
Chingleput ..	19,682	25,870	298,689	191,453	796	499	35	24	174	3,312	..	Chingleput.
Madras	972	1,164	1,210	2,431	631	187	56	186	15	146	..	Madras.
South Arcot ..	15,854	15.031	455,477	351,504	1,162	933	106	28	26	2,760	..	South Arcot.
Chittoor	24,056	21,564	806,725	410,386	403	289	65	49	29	6,249	..	Chittoor.
North Arcot ..	20,562	21,388	645,068	253,601	1,255	328	236	40	30	5,055	..	North Arcot.
Salem	25,423	17,316	971,521	596,835	2,138	1,741	392	185	77	7,792	..	Salem.
Coimbatore ..	39,644	32,036	1,124,539	430,761	2,008	1,498	201	189	244	20,308	..	Coimbatore.
Trichinopoly ..	30,108	25,947	897,463	514,659	408	556	70	22	8	3,207	..	Trichinopoly.
Tanjore	23,162	18,725	309,394	486,402	552	450	25	27	15	1,166	..	Tanjore.
Madura	24,578	18,814	463,572	316,975	2,628	363	68	31	127	10,786	1	Madura.
Ramnad ..	18,240	13,233	957,093	290,185	366	284	16	9	1	10,472	1	Ramnad.
Tinnevelly ..	23,679	21,401	810,066	289,073	849	160	6	11	24	15,836	1	Tinnevelly.
Malabar.. ..	6,426	6,373	3,819	248,204	187	234	13	9	12	65	..	Malabar.
South Kanara ..	6,612	7,288	252	20,411	137	137	1	4	..	2	..	South Kanara.
The Nilgiris ..	2,337	1,517	2,800	4,600	361	213	20	21	44	61	..	The Nilgiris.
Total ..	854,230	778,910	11,938,324	6,761,876	32,932	14,362	3,391	2,173	2,797	145,728	33	Total.

Number of livestock and agricultural machinery and implements in each district in Madras Province as ascertained by a census held in January 1935 (revised)—*cont.*

Districts.	Ploughs. Wooden. (31)	Ploughs. Iron. (32)	Carts. (33)	Sugarcane crushers. Worked by power. (34)	Sugarcane crushers. Worked by bullocks. (35)	Oil engines with pumps for irrigation purposes. (36)	Electric pump for tube wells. (37)	Tractors. (38)	Districts.
Ganjam	227,011	2,043	65,286	94	1,248	6	21	..	Ganjam.
Vizagapatam ..	350,503	1,014	91,431	663	7,355	122	34	..	Vizagapatam.
East Godavari ..	156,785	283	49,637	170	2,171	228	238	1	East Godavari.
West Godavari ..	109,393	295	37,390	12	437	59	33	1	West Godavari.
Kistna	84,985	450	50,296	25	58	218	58	1	Kistna.
Guntur	125,175	574	88,159	259	64	53	42	..	Guntur.
Kurnool	92,898	1,444	55,398	3	63	33	10	1	Kurnool.
Bellary	83,980	6,533	41,510	5	1,053	36	..	2	Bellary.
Anantapur ..	105,755	2,295	41,461	..	395	26	..	..	Anantapur.
Cuddapah ..	73,642	3,937	40,308	1	86	31	1	..	Cuddapah.
Nellore	135,925	244	55,403	7	43	80	6	..	Nellore.
Chingleput ..	163,803	2,200	40,727	12	28	316	24	1	Chingleput.
Madras	180	8	1,251	1	..	55	7	..	Madras.
South Arcot ..	262,511	4,840	50,212	55	1,471	517	39	8	South Arcot.
Chittoor	167,066	1,786	33,017	13	3,094	140	29	1	Chittoor.
North Arcot ..	253,422	2,101	40,006	56	1,531	418	139	..	North Arcot.
Salem	320,413	4,957	43,516	37	1,039	107	10	..	Salem.
Coimbatore ..	244,576	1,863	89,329	31	956	547	44	..	Coimbatore.
Trichinopoly ..	240,741	1,122	48,323	13	1,840	129	45	2	Trichinopoly.
Tanjore	228,024	3,955	61,506	16	174	146	65	..	Tanjore.
Madura	183,215	1,900	42,696	5	211	209	7	..	Madura.
Ramnad	152,418	660	51,806	4	27	146	1	..	Ramnad.
Tinnevelly ..	123,988	1,559	55,420	1	17	72	29	4	Tinnevelly.
Malabar	172,465	562	11,951	..	7	24	12	2	Malabar.
South Kanara ..	275,822	212	7,131	41	957	4	6	..	South Kanara.
The Nilgiris ..	2,535	13	498	..	..	2	1	..	The Nilgiris.
Total ..	**4,337,231**	**46,850**	**1,193,665**	**1,524**	**24,325**	**3,724**	**901**	**24**	Total.

APPENDIX XIV.

Glossary of Botanical, English and Vernacular names of crops.

Botanical.	English.	Tamil.	Telugu.
Oryza sativa	Paddy	Nellu	Vadlu.
Sorghum vulgare ..	Cholam	Cholam	Jonnalu.
Pennisetum typhoideum.	Bulrush or Spiked Millet.	Cumbu	Sajjalu or Gantelu.
Eleusine coracana ..	Ragi	Kēlvaragu or Rāgi.	Ragulu or Chōdulu.
Setaria italica ..	Italian Millet ..	Tenai	Korralu.
Paspalum scrobiculatum.	Kodo Millet ..	Varagu	Arikēlu.
Panicum miliare ..	Samai	Shāmai	Sāmulu.
Panicum miliaceum ..	Common Millet ..	Panivaragu or kadaikanni.	Varigalu or Barigalu.
Panicum crusgalli var *Frumentaceum.*	Sanwa Millet ..	Kudiraivali ..	Oodalu.
Zea mays	Maize	Makka chōlam or Thulukka chōlam.	Mokka Jonnalu.
Triticum spp. ..	Wheat	Gōdumai	Gōdumalu.
Hordeum vulgare ..	Barley	....	....
Phaseolus mungo ..	Greengram ..	Paccapayiru ..	Pesalu, Paççapesalu.
Cajanus indicus ..	Redgram	Tuvarai	Kandulu.
Phaseolus radiatus ..	Blackgram	Ulundu	Minumulu.
Cicer arietinum ..	Bengalgram ..	Kadalai	Sanagulu.
Dolichos biflorus ..	Horsegram ..	Kollu or Kanam ..	Ulavalu.
Dolichos lablab ..	Field bean	Mochai	Anumulu.
Phaseolus aconitifolius.	Dew gram	Naripayaru, Kallupayaru, Tullikkapayaru.	Mittikelu.
Vignu catiang ..	Cow gram; cow pea.	Karamani, Tattapayaru.	Alasandulu, Bobbarlu.
Capsicum annum ..	Chillies	Milagai	Mirapakāyalu.
Coriandrum sativum ..	Coriander	Kothumalli ..	Dhaniyālu or Kottumeri.
Piper nigrum	Pepper	Milagu	Miriyālu.
Curcuma longa ..	Turmeric	Manjal	Pasupu.

Glossary of Botanical, English and Vernacular names of crops.

Botanical.	English.	Tamil.	Telugu.
Allium sativum ..	Garlic	Vellaipūndu ..	Tellagadda or Velluli.
Zingiber officinale ..	Ginger	Inji	Allam.
Carum coptivum ..	Omum ; Bishop's weed.	Ōmum	Ōmamu.
Saccharum officinarum.	Sugarcane	Karumbu	Cheruku.
Mangifera indica ..	Mangoes	Māmbazham ..	Māmidipandu.
Musa sapientum ..	Plantains	Vāzhaipazham ..	Aratipandu.
Allium cepa	Onions	Vengāyām	Ulligadda.
Solanum tuberosum ..	Potato	Urulaikkizhangu ..	Urulagadda.
Arachis hypogea ..	Groundnut ..	Vērkadalai or Nilakkadalai.	Vērsanagalu or Nēlasanagalu.
Sesamum indicum ..	Gingelly	Ellu	Nuvvulu.
Ricinus communis ..	Castor	Āmanakku or Kottaimuthu.	Āmudalu.
Cocos nucifera ..	Coconut	Thēngai	Tenkāya.
Linum usitatissimum.	Linseed	Ālivirai	Avisi.
Brassica spp.	Rape and mustard	....	....
Guioztia abyssinica ..	Niger seed	Pēyellu, Uchchellu.	Veerrinuvvulu, Valiselu, Ojurellu.
Carthamus tinctorius.	Safflower	Kusumbāvirai ..	Kusumbālu.
Gossypium spp. ..	Cotton	Paruthi	Parthi.
Crotolaria juncea ..	Sunnhemp	Sanappu or Shanal.	Janumu.
Hibiscus cannabinus ..	Bombay hemp or Bimlipatam jute.	Pulicchai or Pulimanji.	Gōgu.
Corchorus spp. ..	Jute	....	....
Indigofera sumatrana.	Indigo	Avuri or Nīli ..	Nīli.
Nicotiana tabacum ..	Tobacco	Pugaiyilai	Pogāku.
Areca catechu	Arecanut	Pākku	Vakka.
Coffea arabica ..	Coffee	....	....
Camellia thea	Tea	....	....
Piper betel	Betel vine	Vethilai	Tamalapākulu.
Cannabis sativa ..	Indian hemp ..	Ganjā	Ganjava or Ganjā or Bangiku.
Cassia angustifolia ..	Senna	Sūrat Nilāvirai or Nilavakai.	Nēlatangedu.
Hevea brasiliensis ..	Rubber	....	....

AGENTS FOR THE SALE OF MADRAS GOVERNMENT PUBLICATIONS.

IN INDIA.

New Book Company, Booksellers, etc., "Kitab Mahal," 188-90, Hornby Road, Bombay.

D. B. Taraporevala Sons & Co., Bombay.

Thacker & Co. (Ltd.), Bombay.

N. S. Wagle, Circulating Agent and Bookseller, No. 6, Tribhuvan Road, Girgaon, Bombay.

The Book Company, Calcutta.

Butterworth & Co. (Ltd.), 6, Hastings Street, Calcutta.

R. Cambray & Co., Calcutta.

Thacker, Spink & Co., 3, Esplanade East, Calcutta.

K. Krishna Ayyar Brothers, Booksellers, Publishers, etc., The Round, Trichur (Cochin State).

The Christian Literature Society for India, Post Box No. 501, Park Town, Madras.

City Book Company, Post Box No. 283, Madras.

C. Coomaraswami Nayudu and Sons, 27 and 35, Chinnathambi Street, Madras.

Higginbothams (Ltd.), Mount Road, Madras.

The Law Printing House, 11, Mount Road, Madras.

G. A. Natesan & Co., Madras.

P. R. Rama Iyer & Co., 368, Esplanade Row, Madras.

P. Varadachari & Co., Booksellers, 8, Linga Chetti Street, Madras.

Agent, The South India Saiva-Siddhanta Works Publishing Society, Ltd., 6, Coral Merchant Street, Madras.

Venkatrama & Co., Educational Publishers and Booksellers, Esplanade, Georgetown, Madras.

The Little Flower Company, Educational Publishers and Booksellers, 44, Lingha Chetty Street, Georgetown, Madras, E.

D. Sri Krishnamurti, Editor of "Grama Paripalana," Ongole (Madras).

E. M. Gopalakrishna Kone, Pudumantapam, Madura (Madras).

National Welfare Publicity, Ltd., Mangalore (Madras).

M. Seshachalam & Co., Proprietors, The Hindu Press, Masulipatam (Madras).

B. Venkataraman, Correspondent, Permanent Fund Buildings, Neela South Street, Negapatam (Madras).

The Hindustan Publishing Co., Ltd., Rajahmundry (Madras).

The Modern Stores, Salem (Madras).

The Proprietor, The House of Knowledge, Booksellers and Publishers, Palliagraharam P.O., Tanjore (Madras).

S. Krishnaswami & Co., Teppakulam Post, Trichinopoly Fort (Madras).

L. Vaidyanatha Ayyar, Law Bookseller, Teppakulam P.O., Trichinopoly (Madras).

A. Venkatasubban, Law Bookseller, Vellore (Madras).

Bhawnani & Sons, Booksellers, etc., Connaught Place, New Delhi.

The Manager, The International Book Service, Booksellers, Publishers, News Agents and Stationers, Poona 4.

P. N. Swaminatha Sivan & Co., Commission Agents, Booksellers, etc., Pudukkottai State (Branches also at Karaikudi and Devakottai).

The Proprietor, The Punjab Sanskrit Book Depot, Saidmitha Street, Lahore (Punjab).

Mohanlal Dossabhai Shah, Books Agent, etc., Rajkot.

B. S. Mathur & Co., Chatur Vilas, Paota Civil Lines, Jodhpur (Rajputana).

The Booklovers' Resort, Booksellers and News Agents, Taikad, Trivandrum.

NOTICE.

Official publications may be obtained in the United Kingdom either direct from the office of the High Commissioner for India, India House, Aldwych, London, W.C. 2, or through any bookseller.